

Bremen 20

WS Build (X01)

2010.11.12

INVENTEC			
TITLE Bremen 20			
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01

CHANGE by Alex Huang 11-Nov-2010

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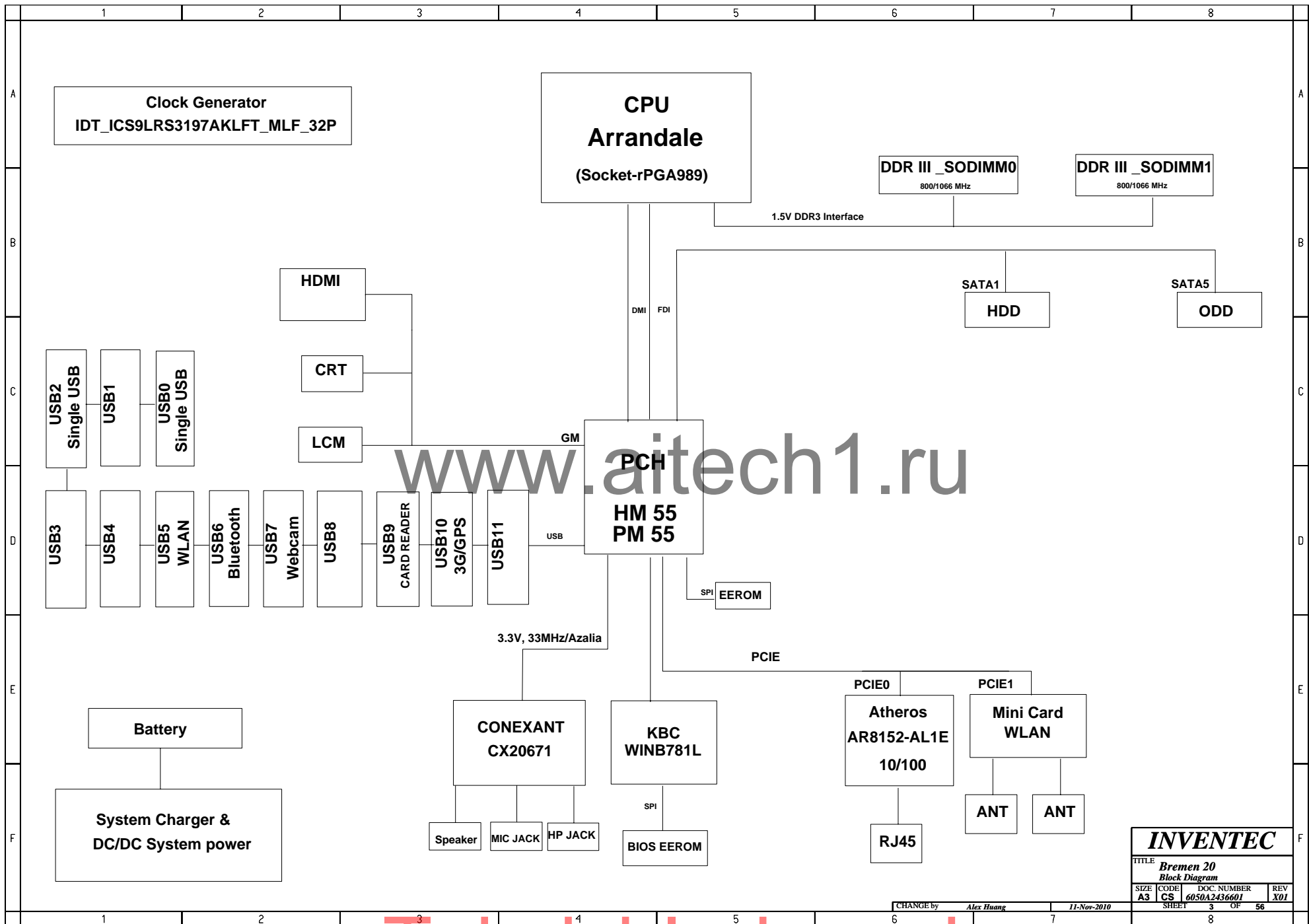
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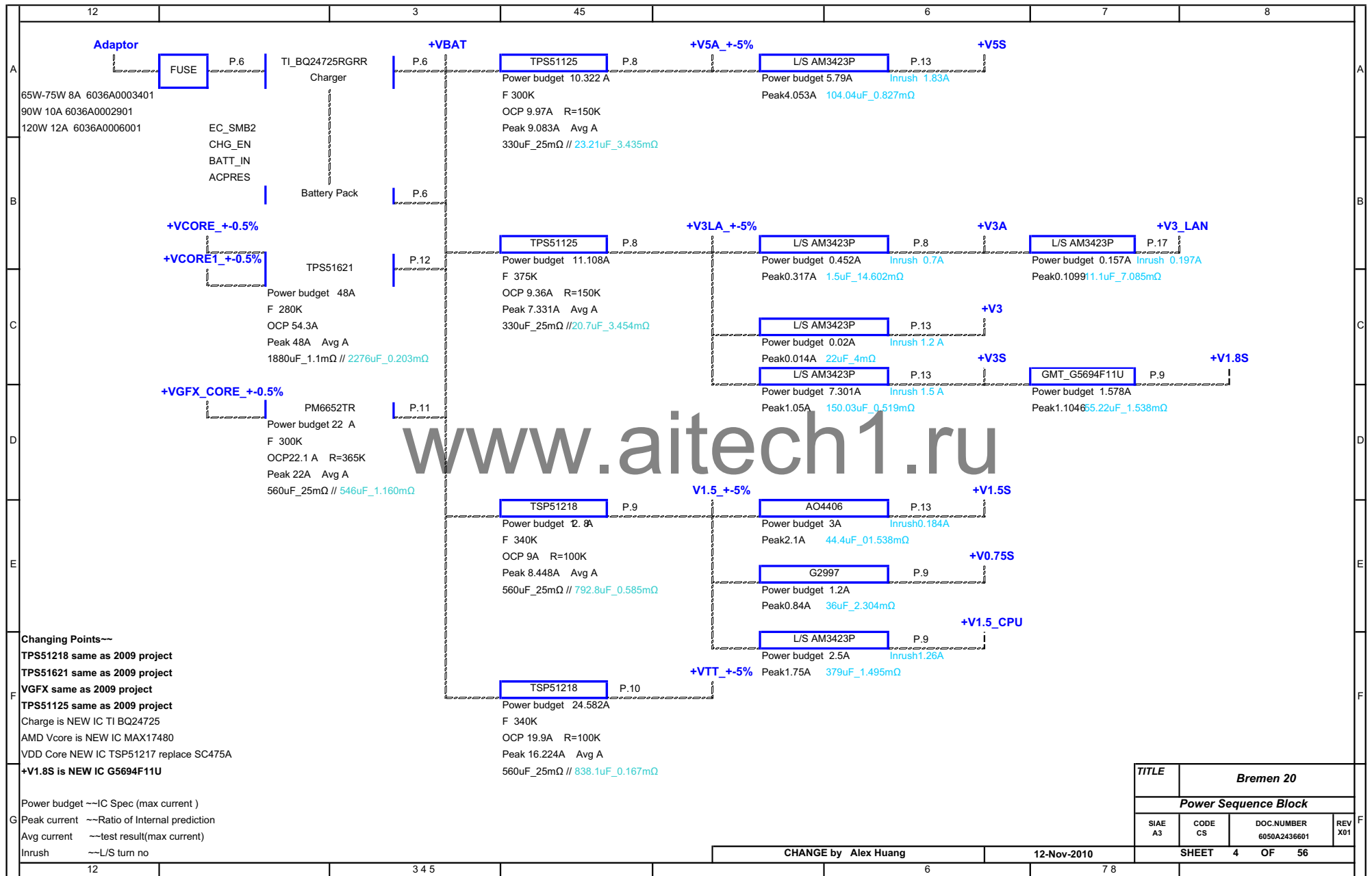
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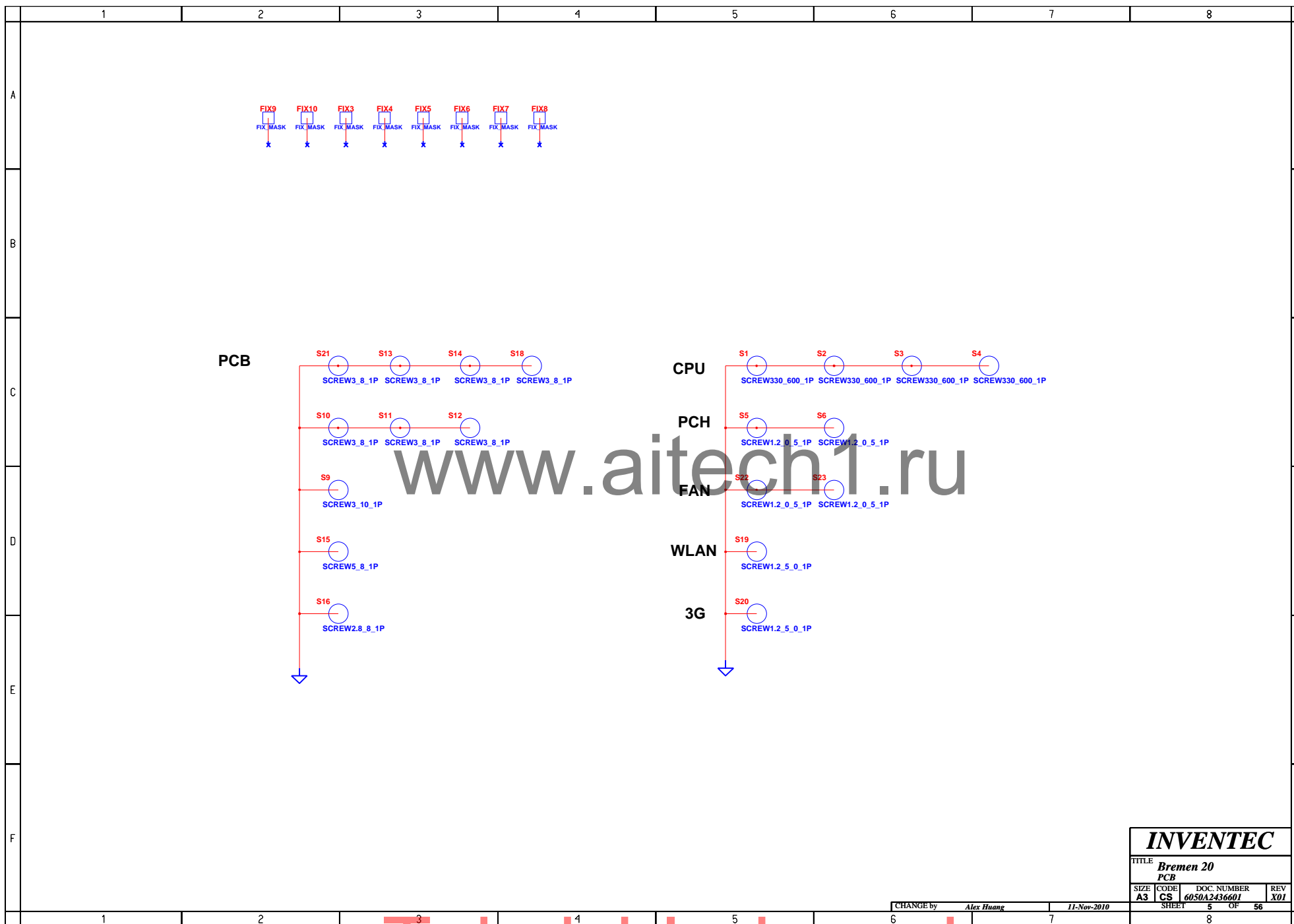
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Index			
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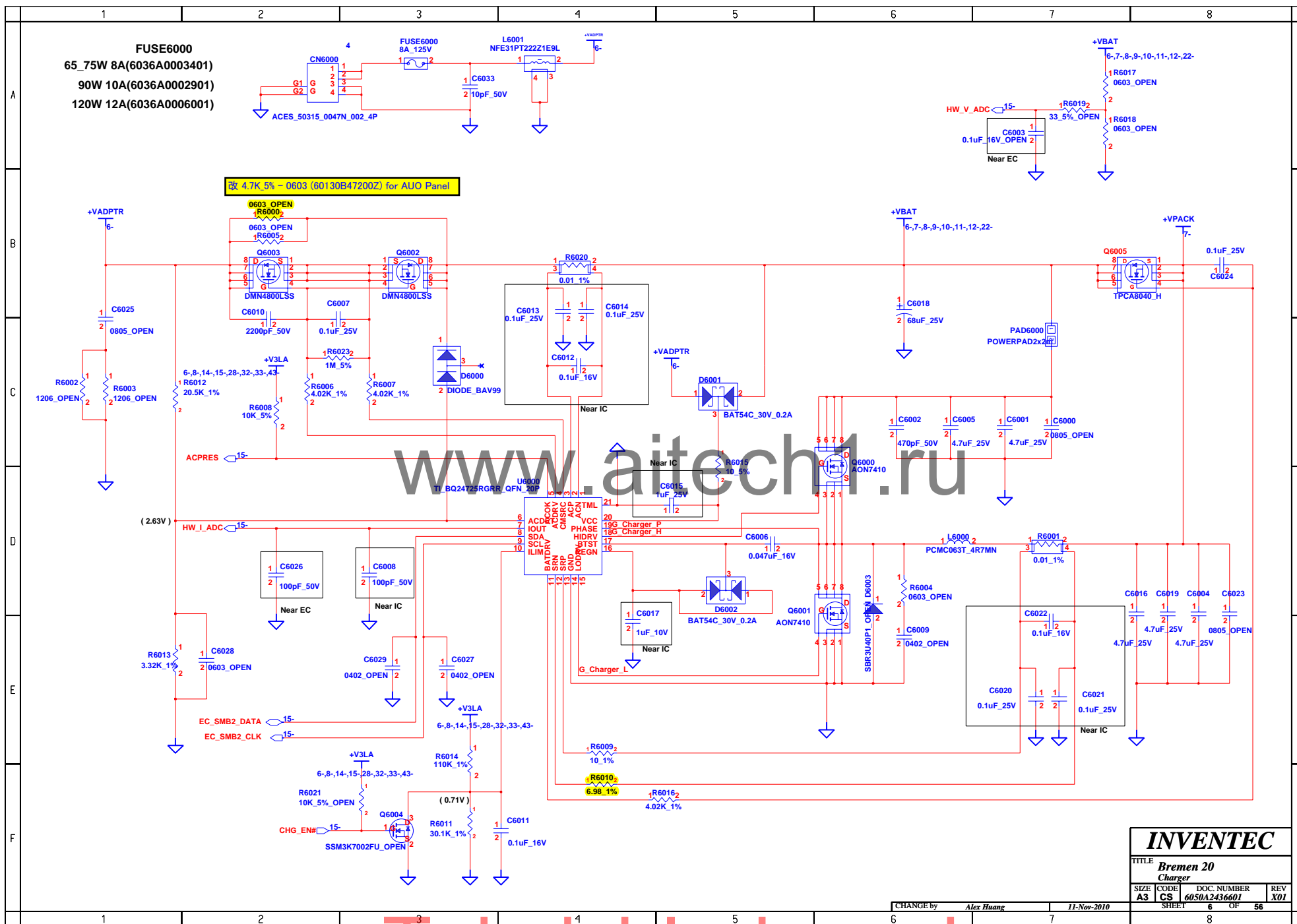
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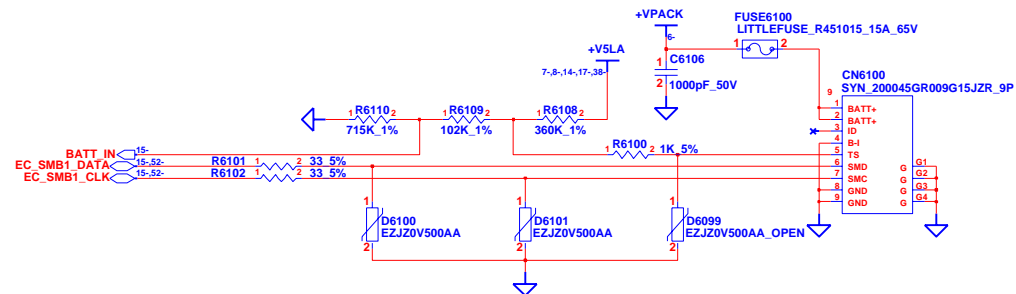


INVENTEC			
TITLE Bremen 20 Block Diagram			
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
CHANGE by Alex Huang		11-Nov-2010	
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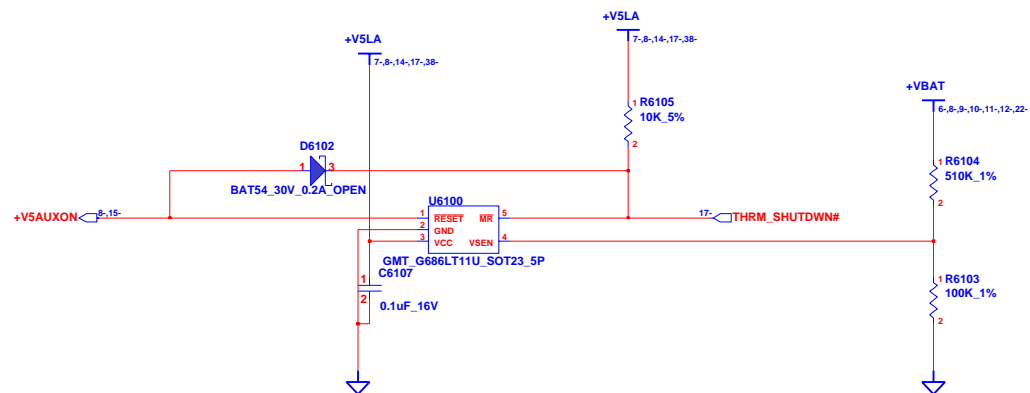








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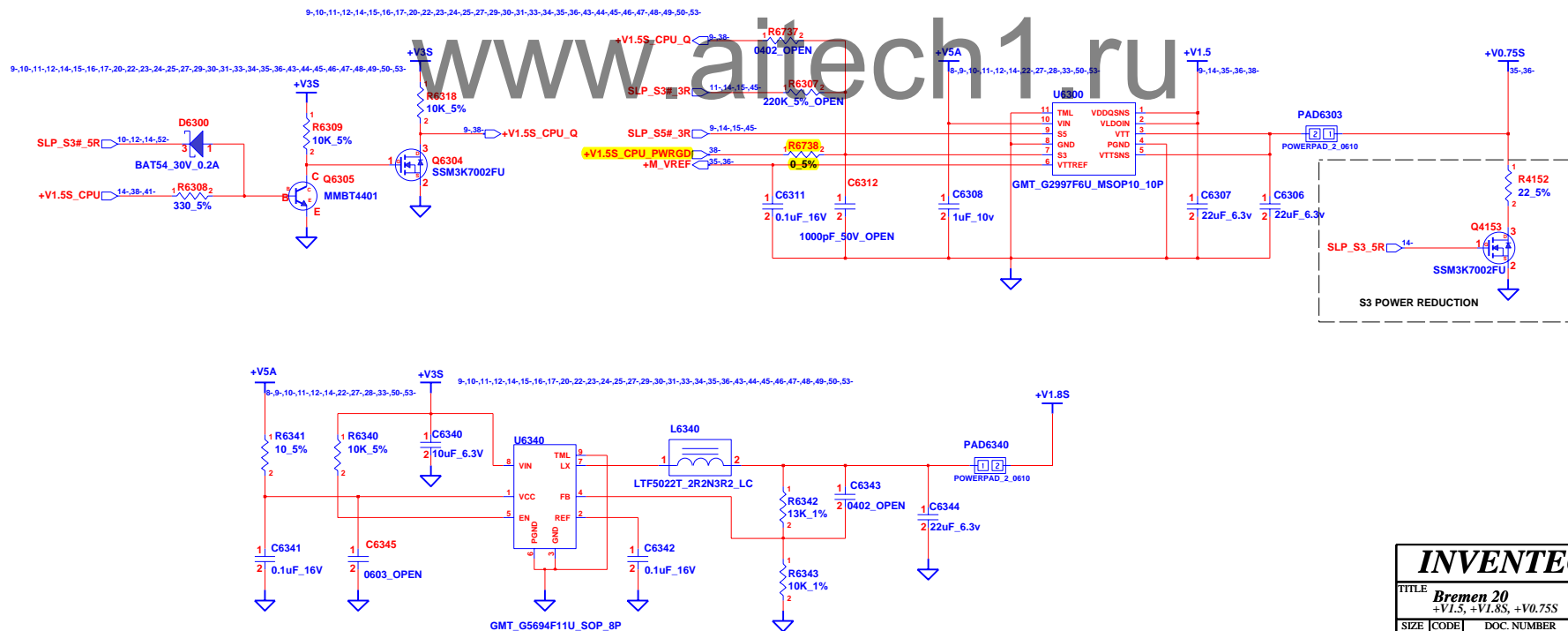
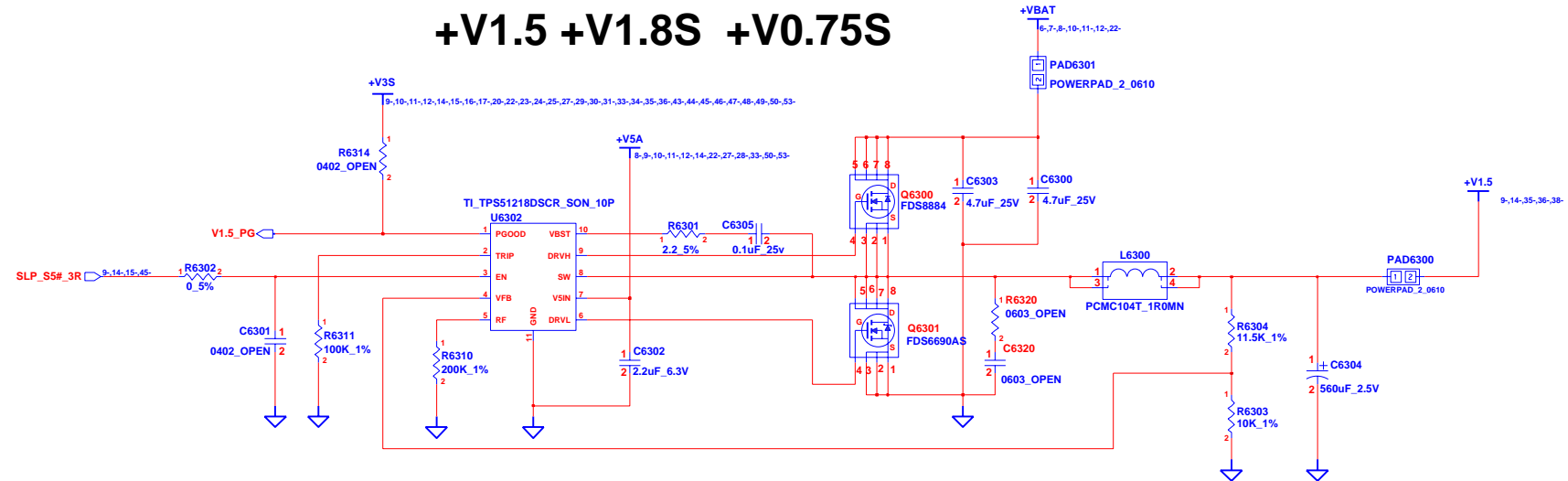
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Bremen 20			
Battery, Reset IC			
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+V1.5 +V1.8S +V0.75S



INVENTEC

TITLE
Bremen 20
+V1.5, +V1.8S, +V0.75S

SIZE
A3

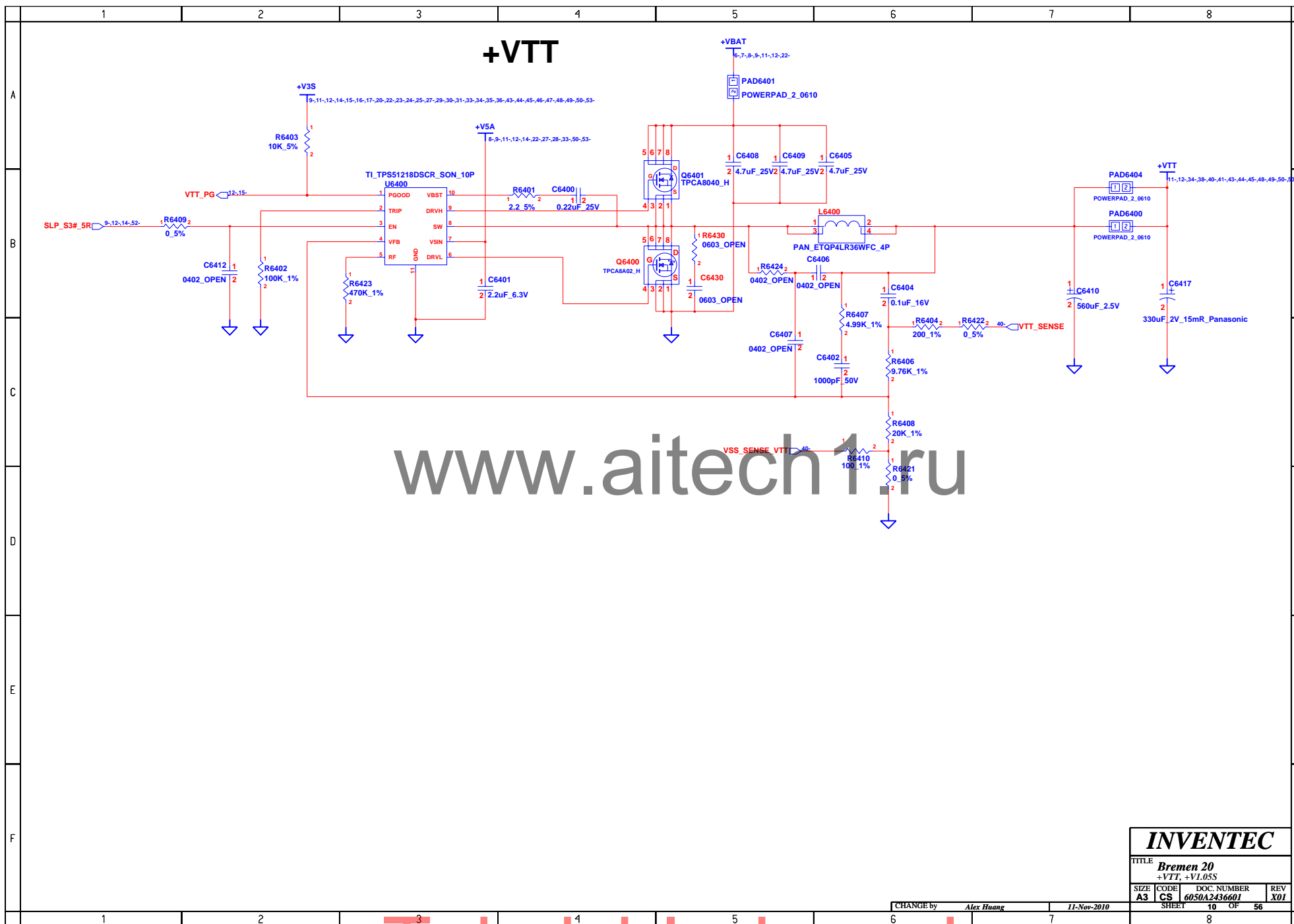
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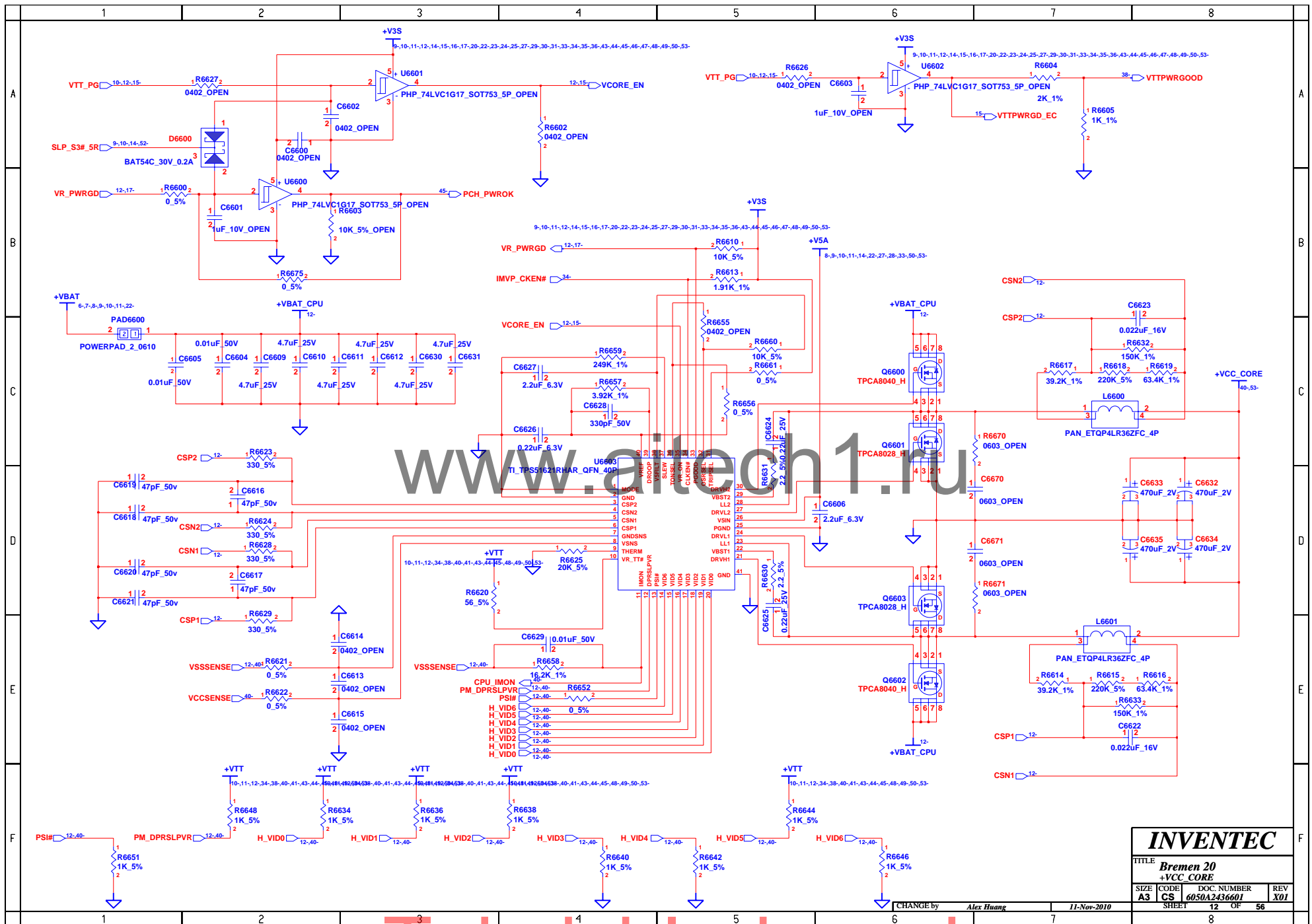
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6050A2436601

REV
X01

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	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

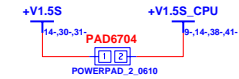
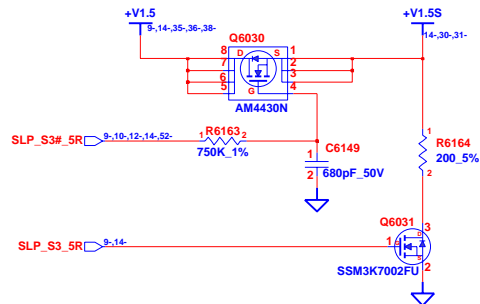
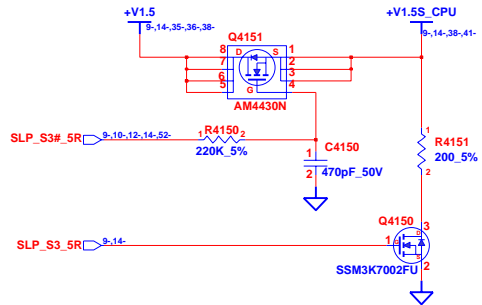
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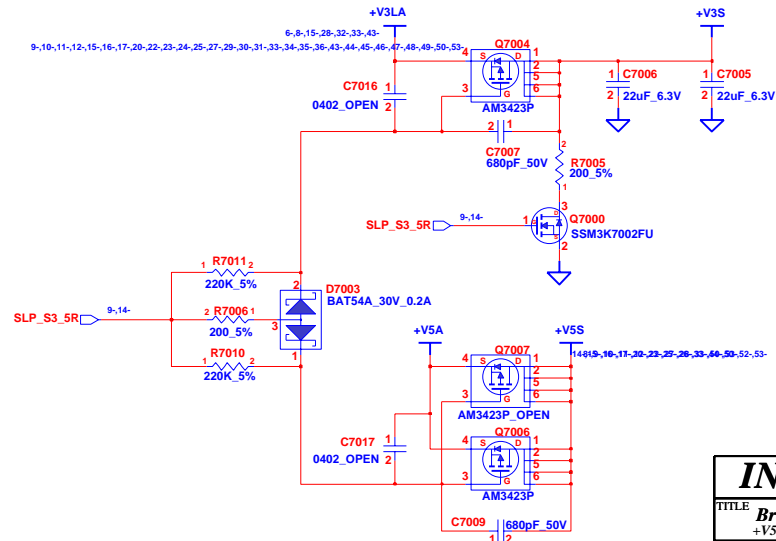
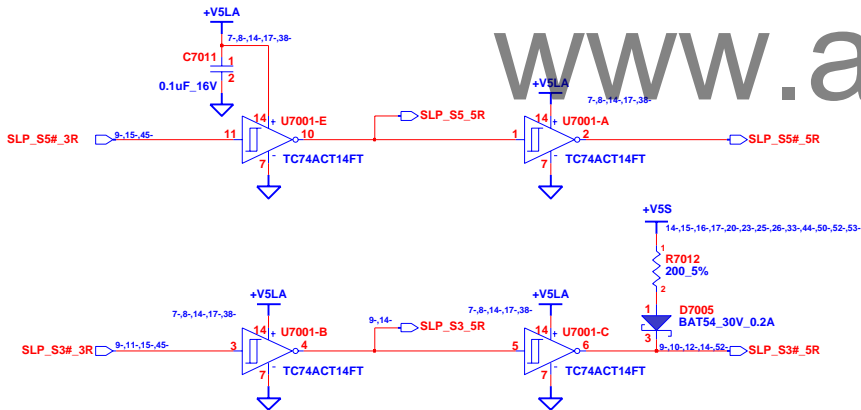
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TITLE Bremen 20			
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
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+V5S +V3S +V1.5S +V1.5S_CPU

S3 POWER REDUCTION



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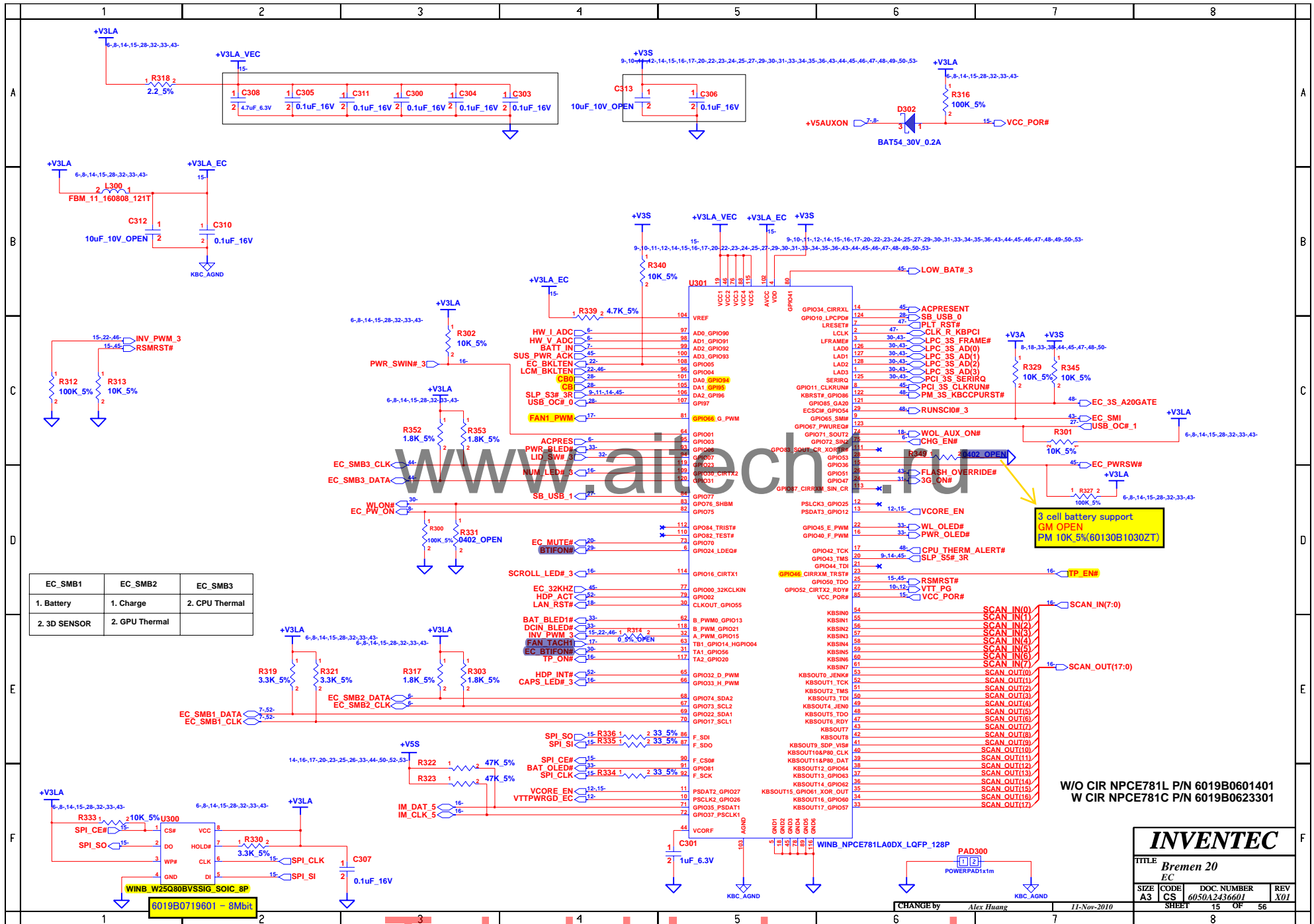


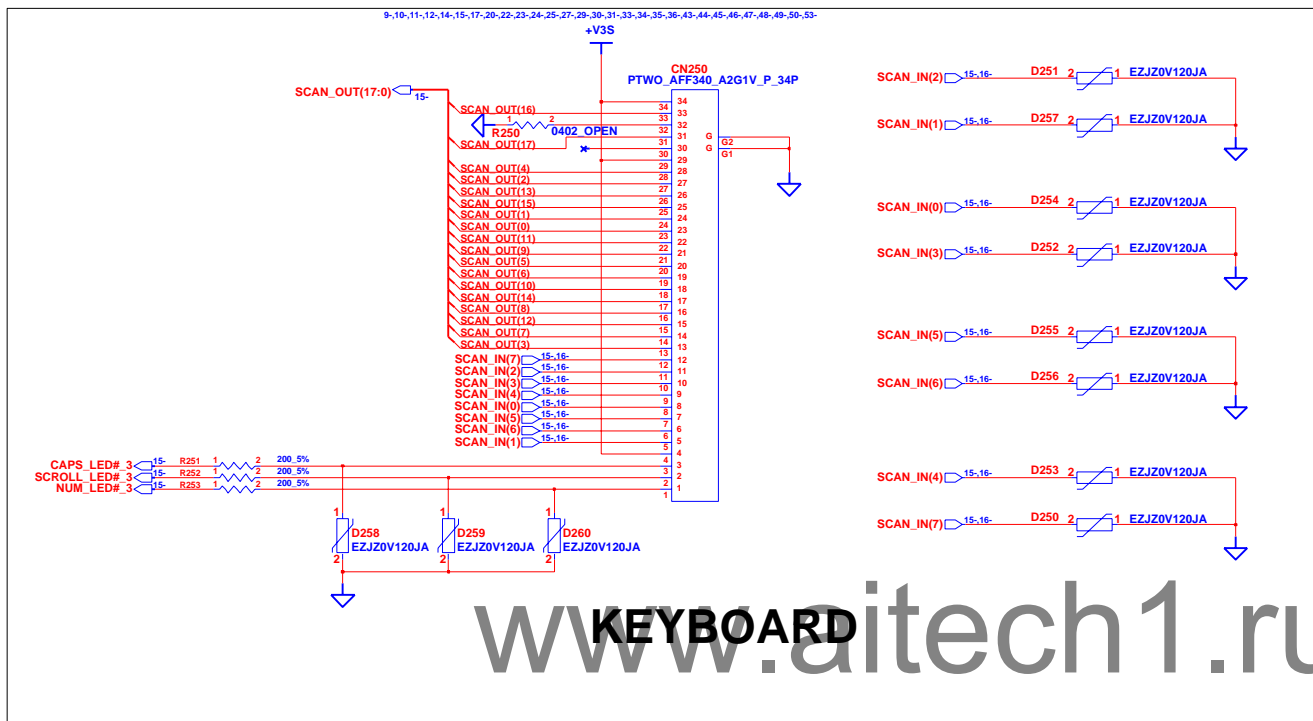
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Bremen 20			
+V5S +V3S +V1.5S			
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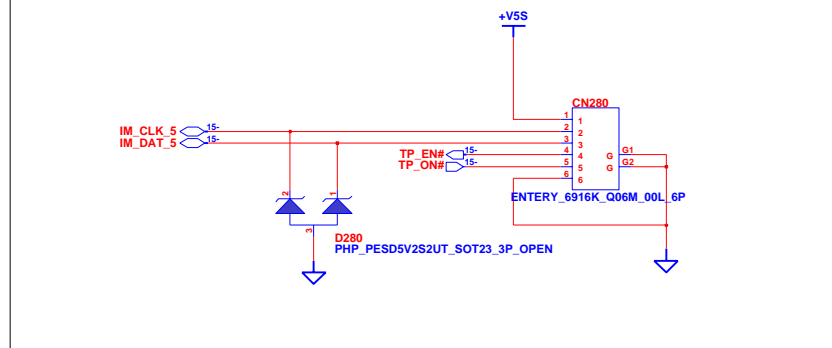
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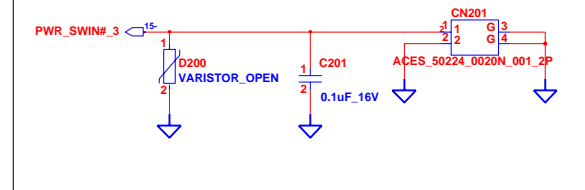


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Touchpad Connector



POWER BOARD CONNECTOR

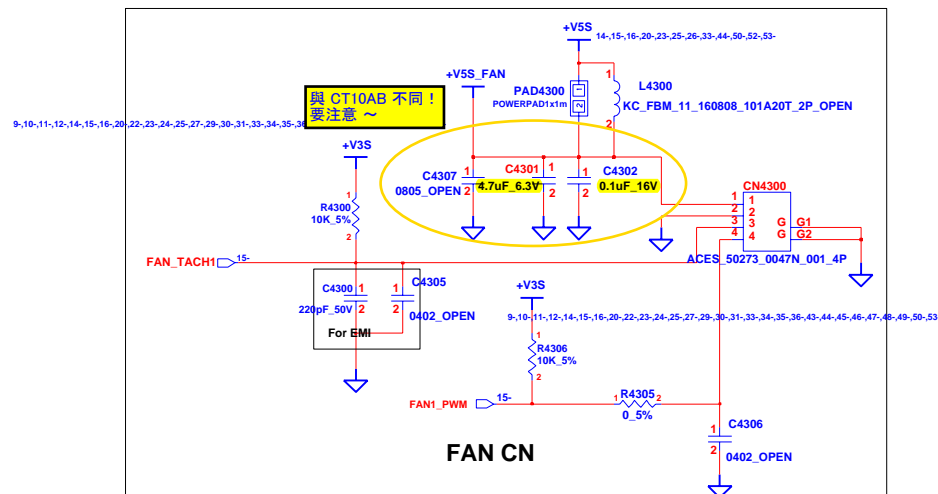


INVENTEC

TITLE			
Bremen 20 Keyboard, Touch PAD			
SIZE	CODE	DOC. NUMBER	REV
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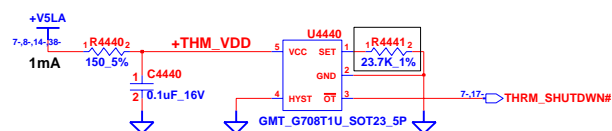
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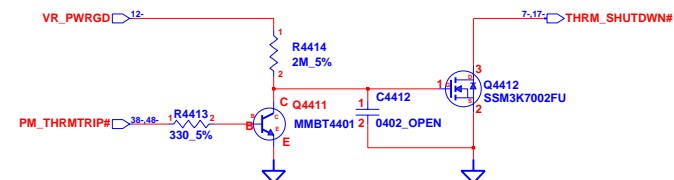
Board Thermal Sensor



Thermal shutdown at 87 C° +/- 3 C° from 60 C° to 100 C°

$$RSET = 0.0012 * T^2 - 0.9308 * T + 96.147$$

Hysteresis is 30C



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TITLE
Bremen 20
FAN, Thermal controller

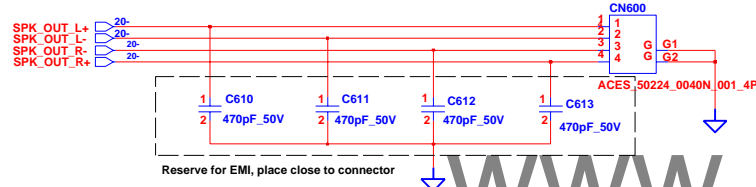
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
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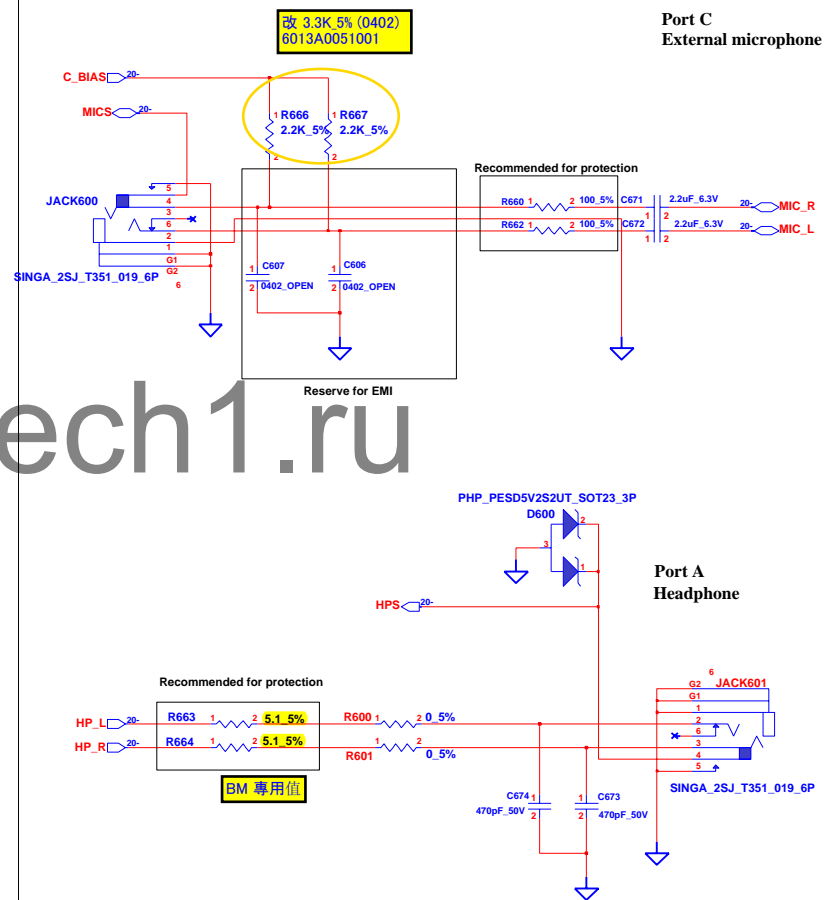
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INTERNAL SPEAKERS



AUDIO JACKS



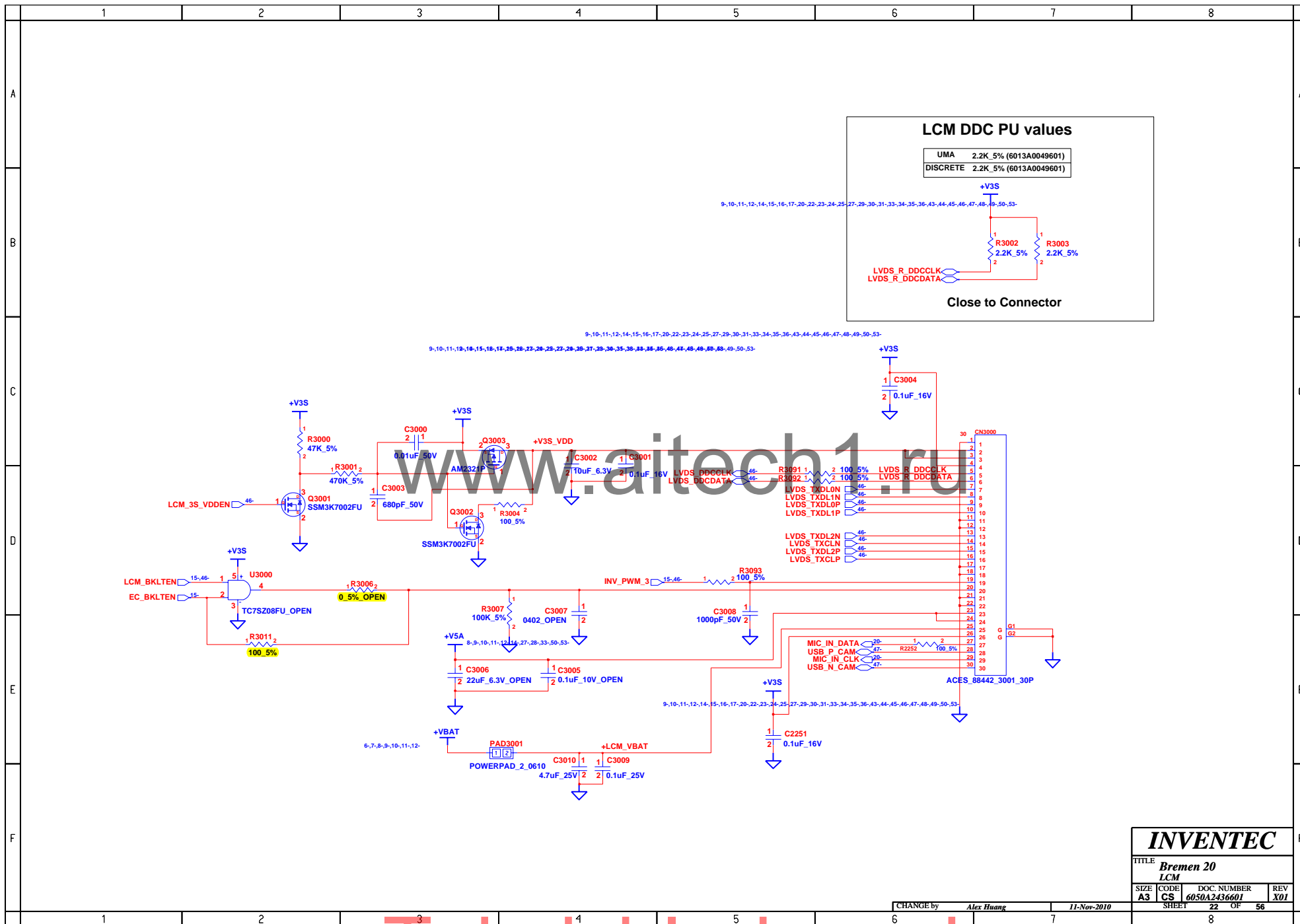
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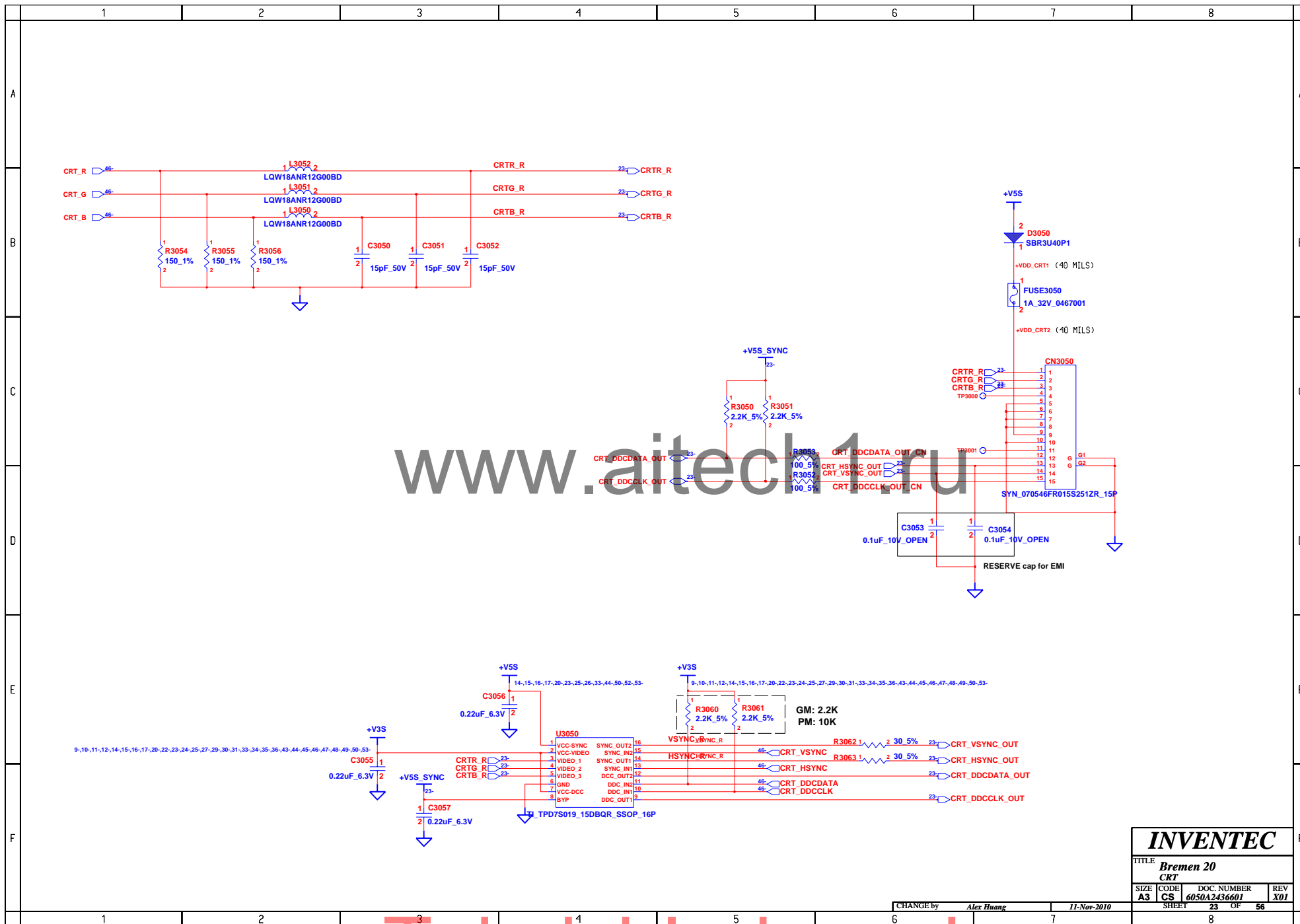
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Bremen 20
AUDIO JACK

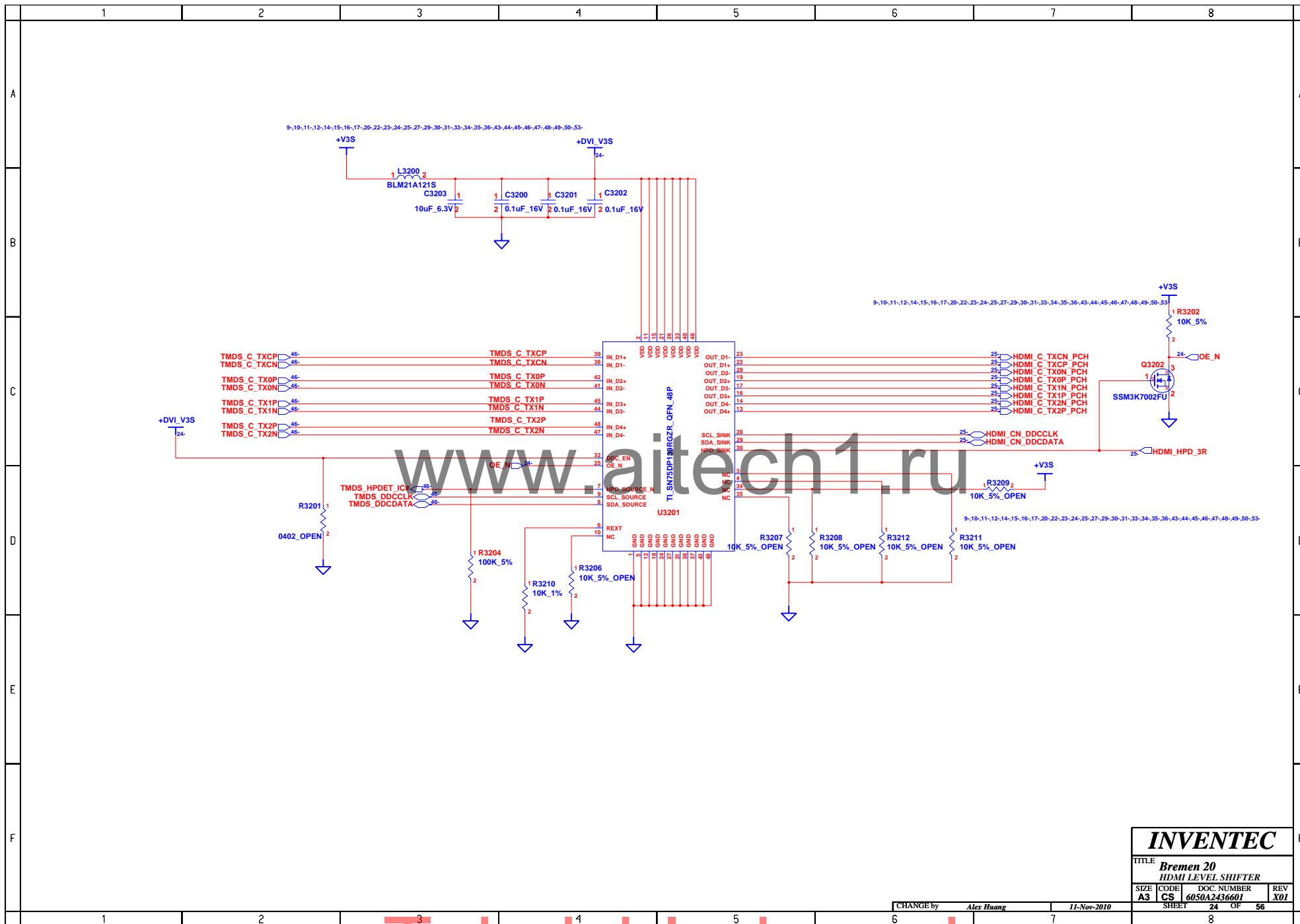
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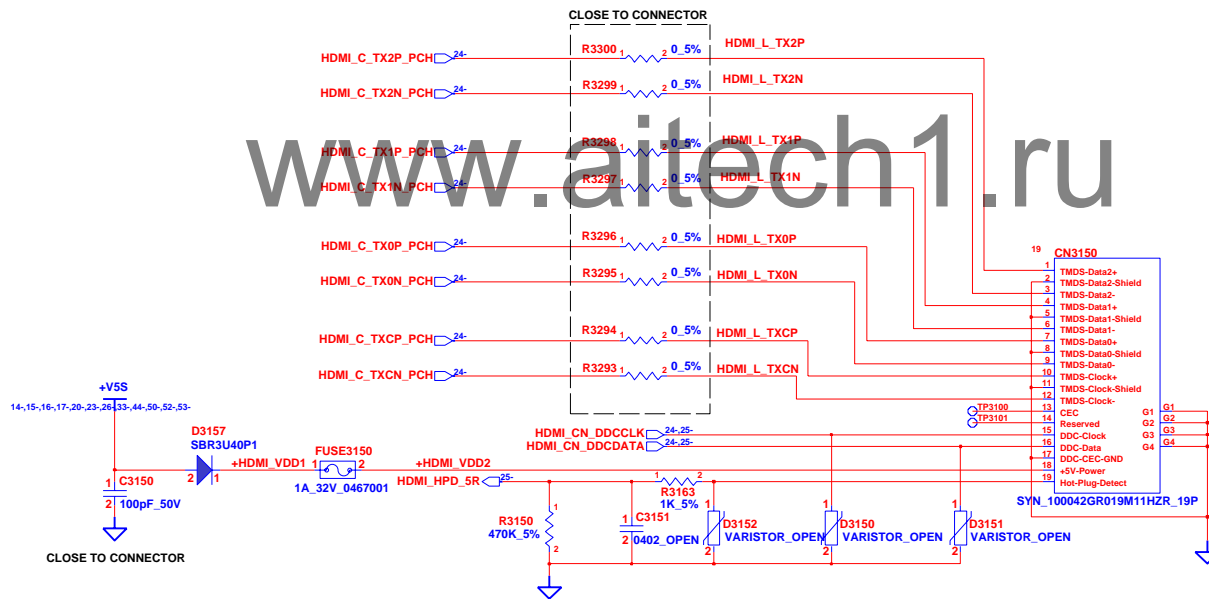
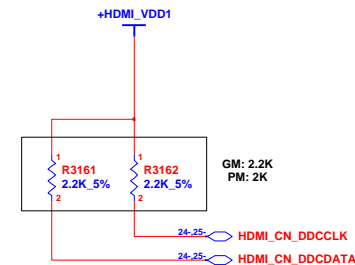
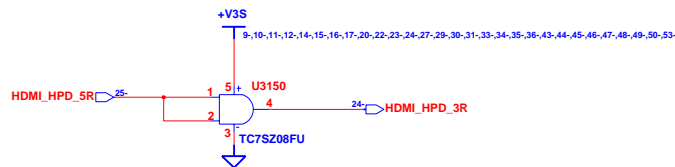
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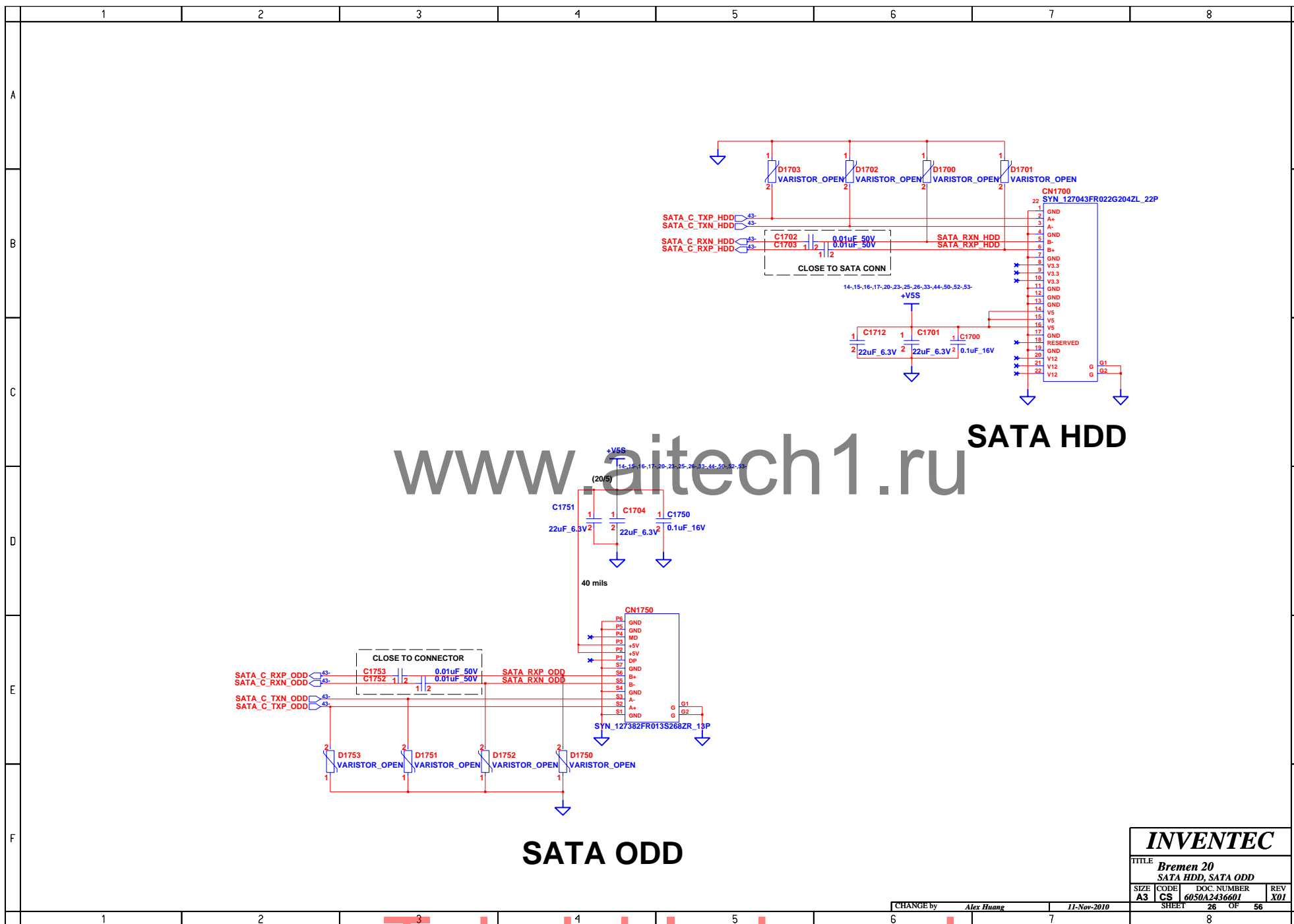




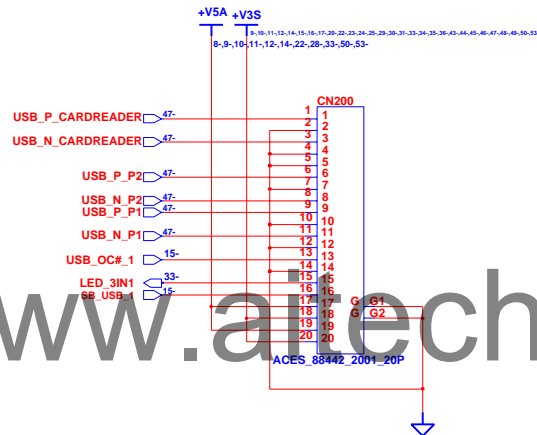
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TITLE			
Bremen 20			
HDMI			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2436601	X01
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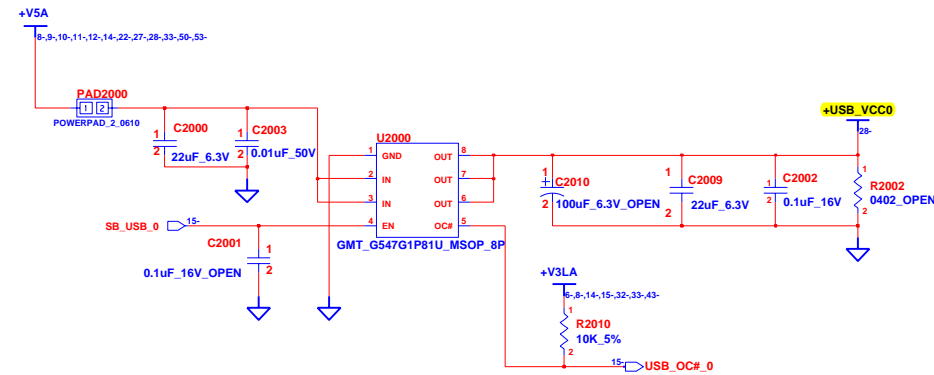
CardReader/USB Connector



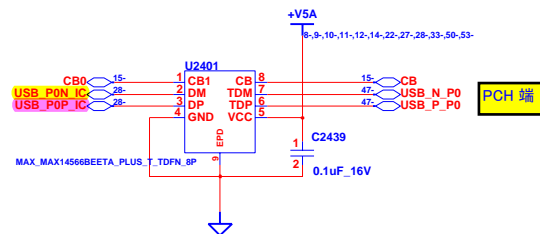
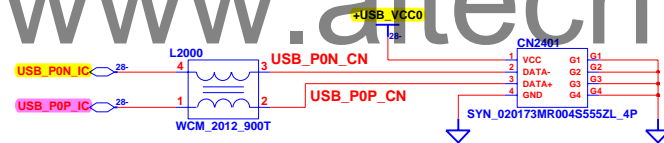
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TITLE			
Bremen 20			
CARD READER & USB CNTR			
SIZE	CODE	DOC. NUMBER	REV
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USB / Sleep & Charge



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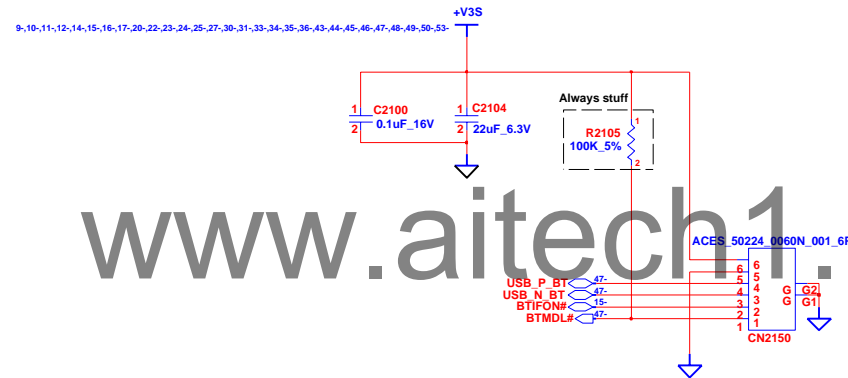
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Bremen 20
USB & eSATA COMBO

SIZE CODE DOC NUMBER
A3 CS 6050A2436601

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REV **X01**

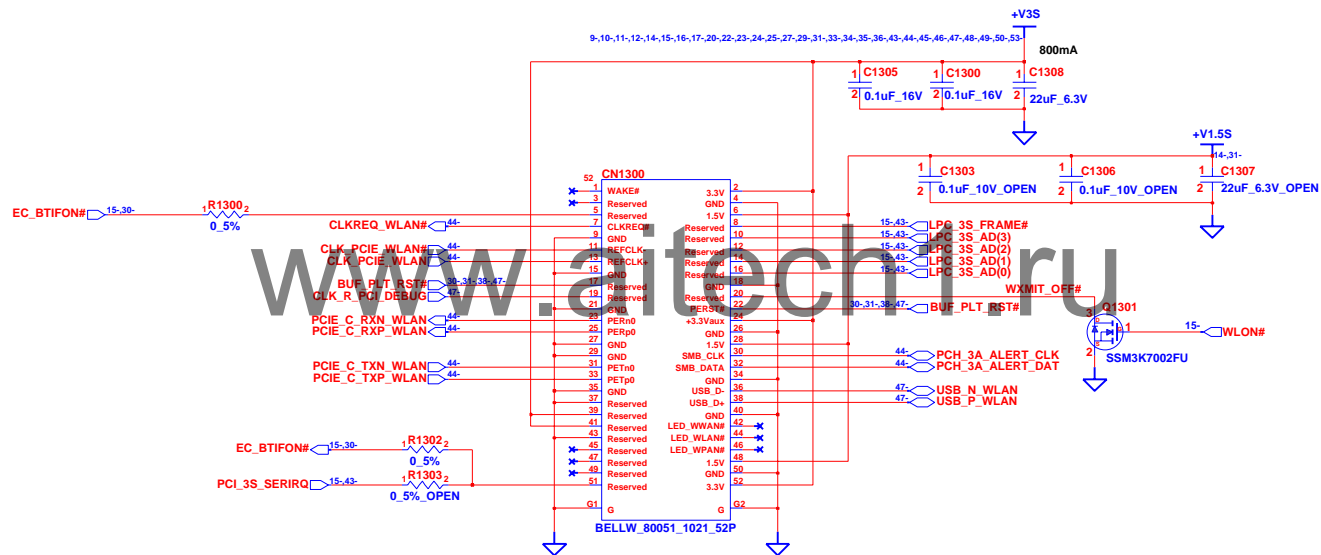
CHANGE by Alex Huang 11-Nov-2010

BLUEBOOTH



INVENTEC			
TITLE			
Bremen 20			
BlueTooth			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2436601	X01
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Wireless & Debug card

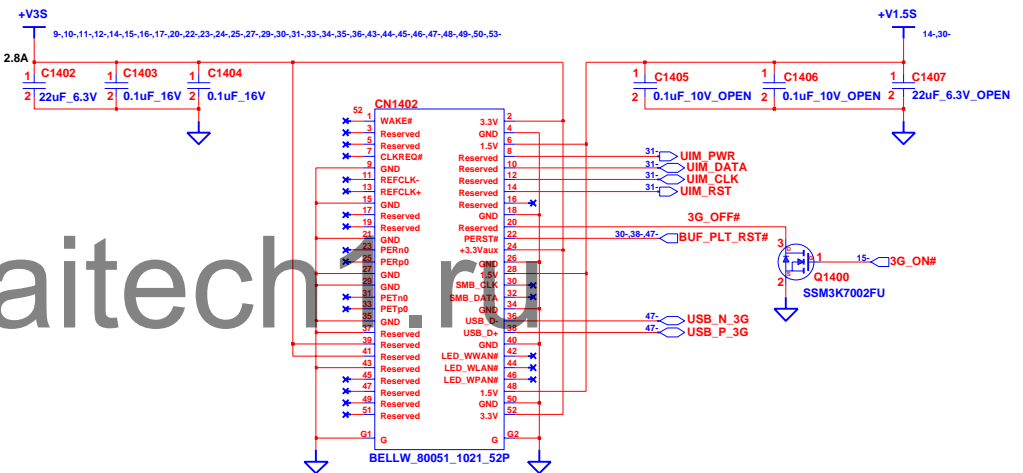
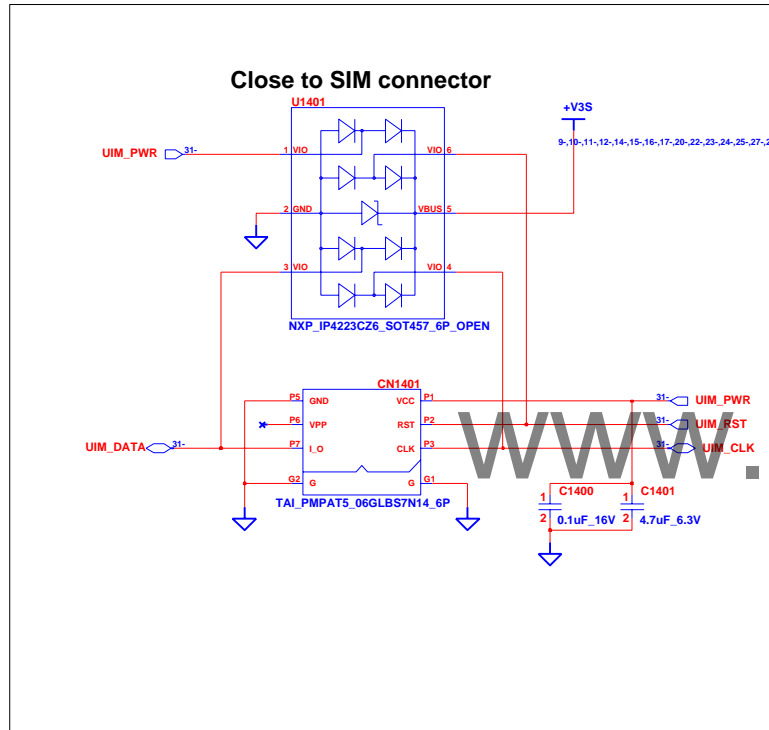


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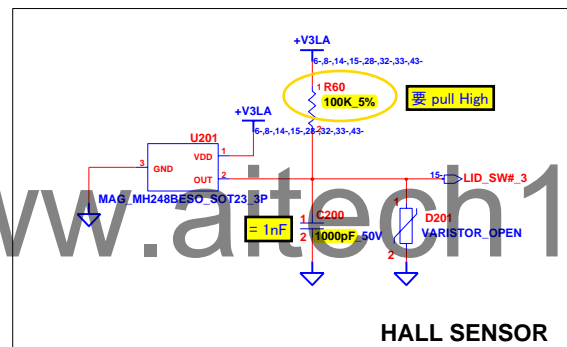
TITLE			
Bremen 20			
WLAN			
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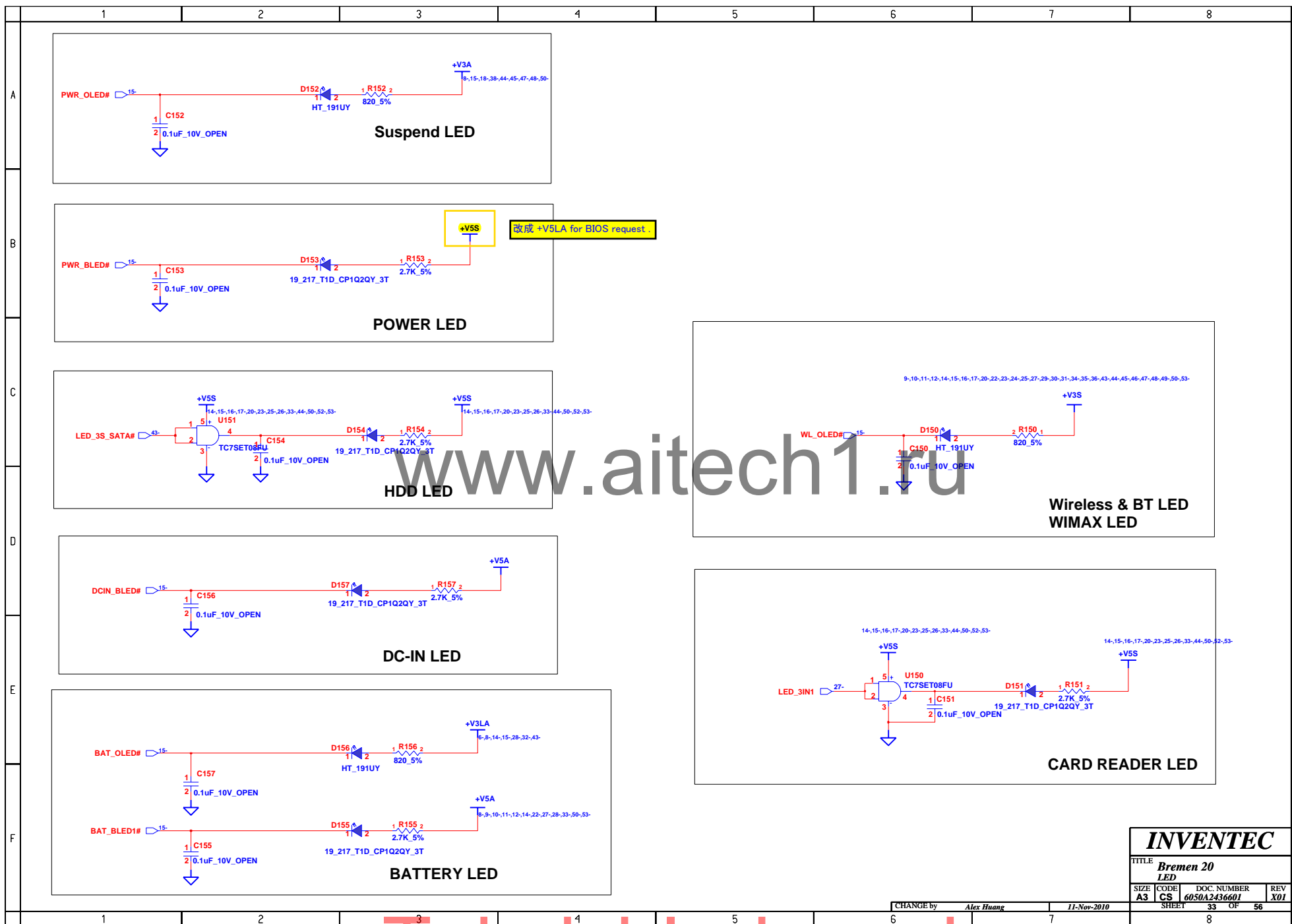
3G



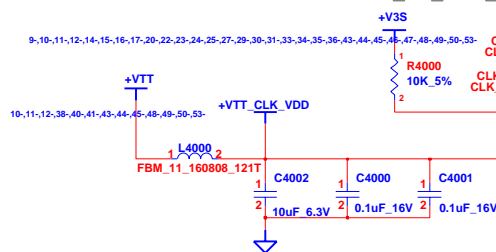
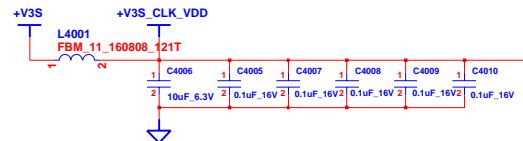
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Bremen 20				
3G				
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CHANGE by		Alex Huang	11-Nov-2010	
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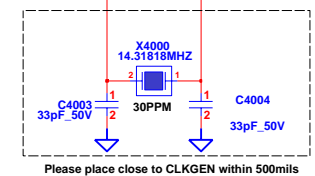
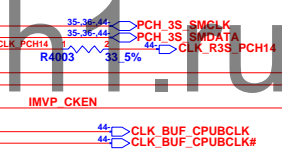
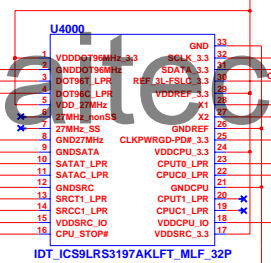
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Bremen 20			
Hall Sensor			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2436601	X01
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9,10,11,12,14,15,16,17,20,22,23,24,25,27,29,30,31,33,34,35,36,43,44,45,46,47,48,49,50,53-

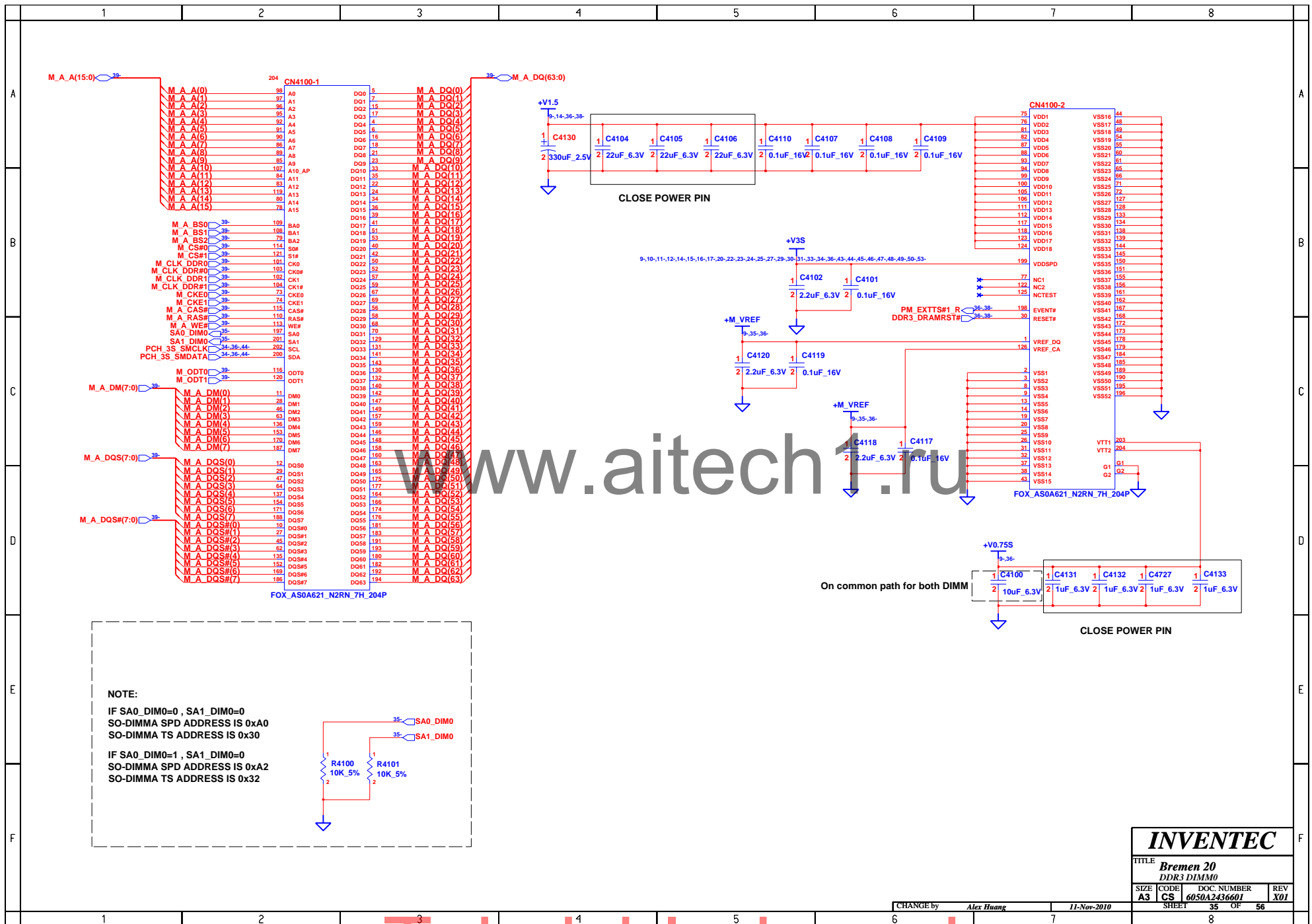


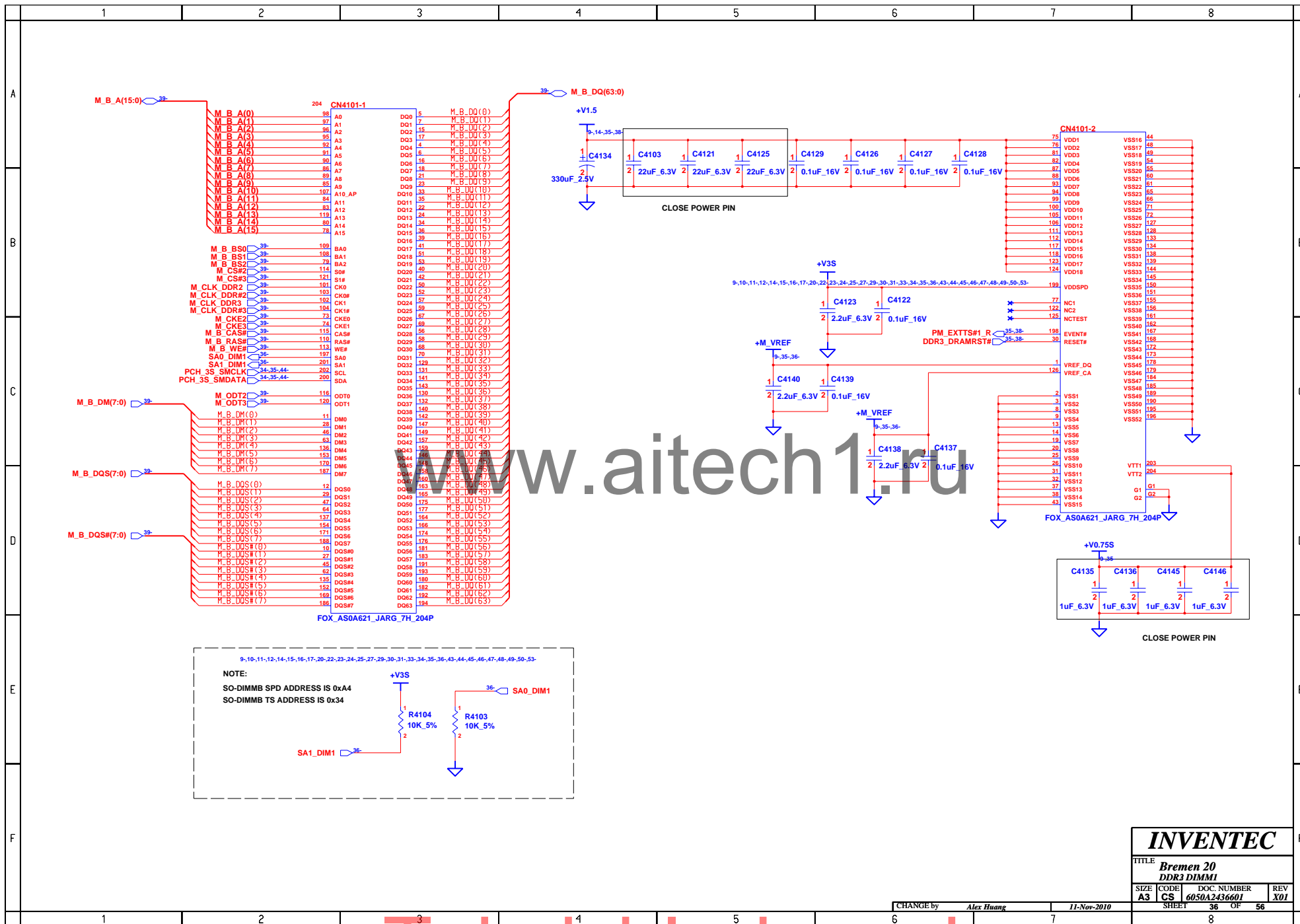
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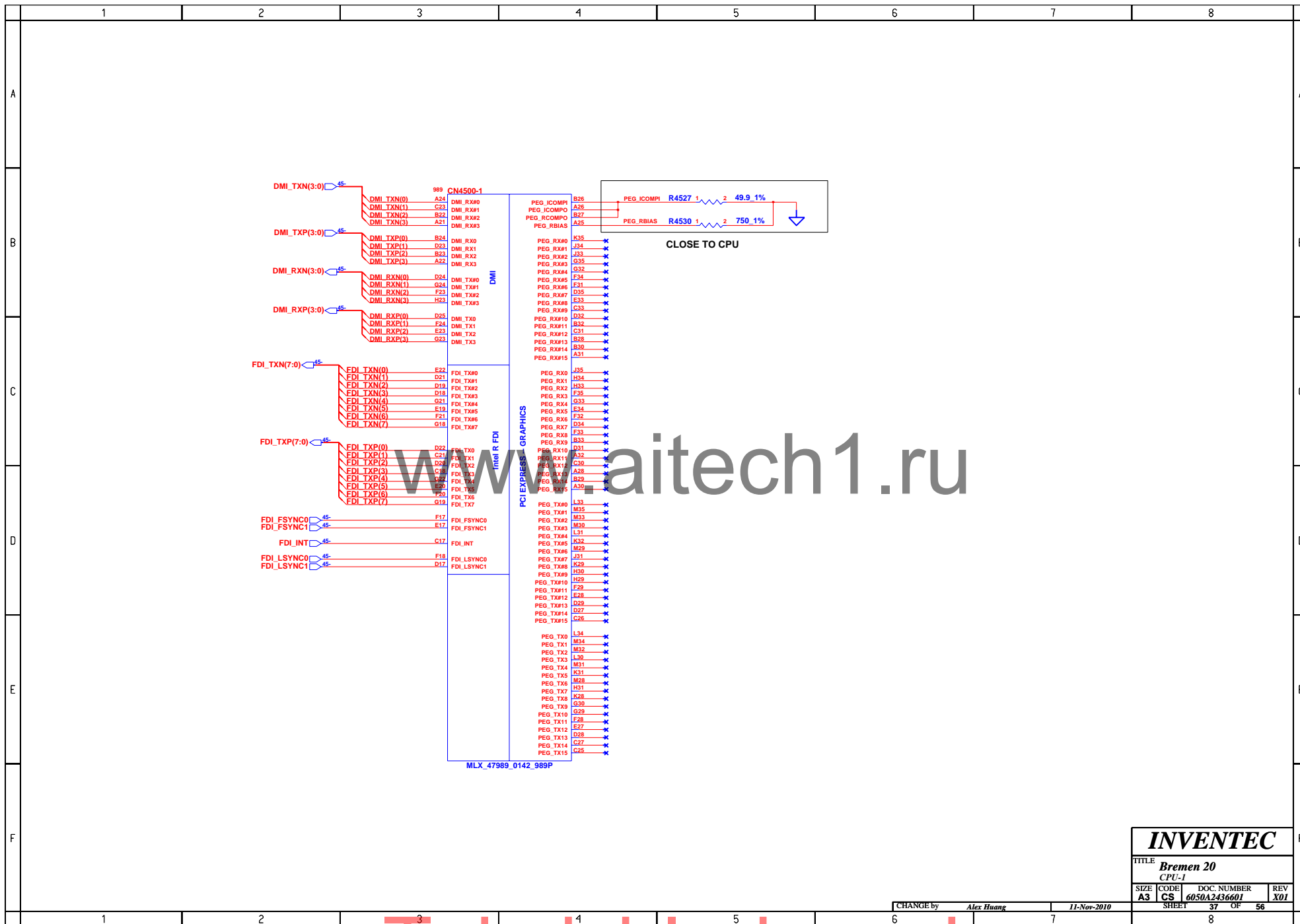


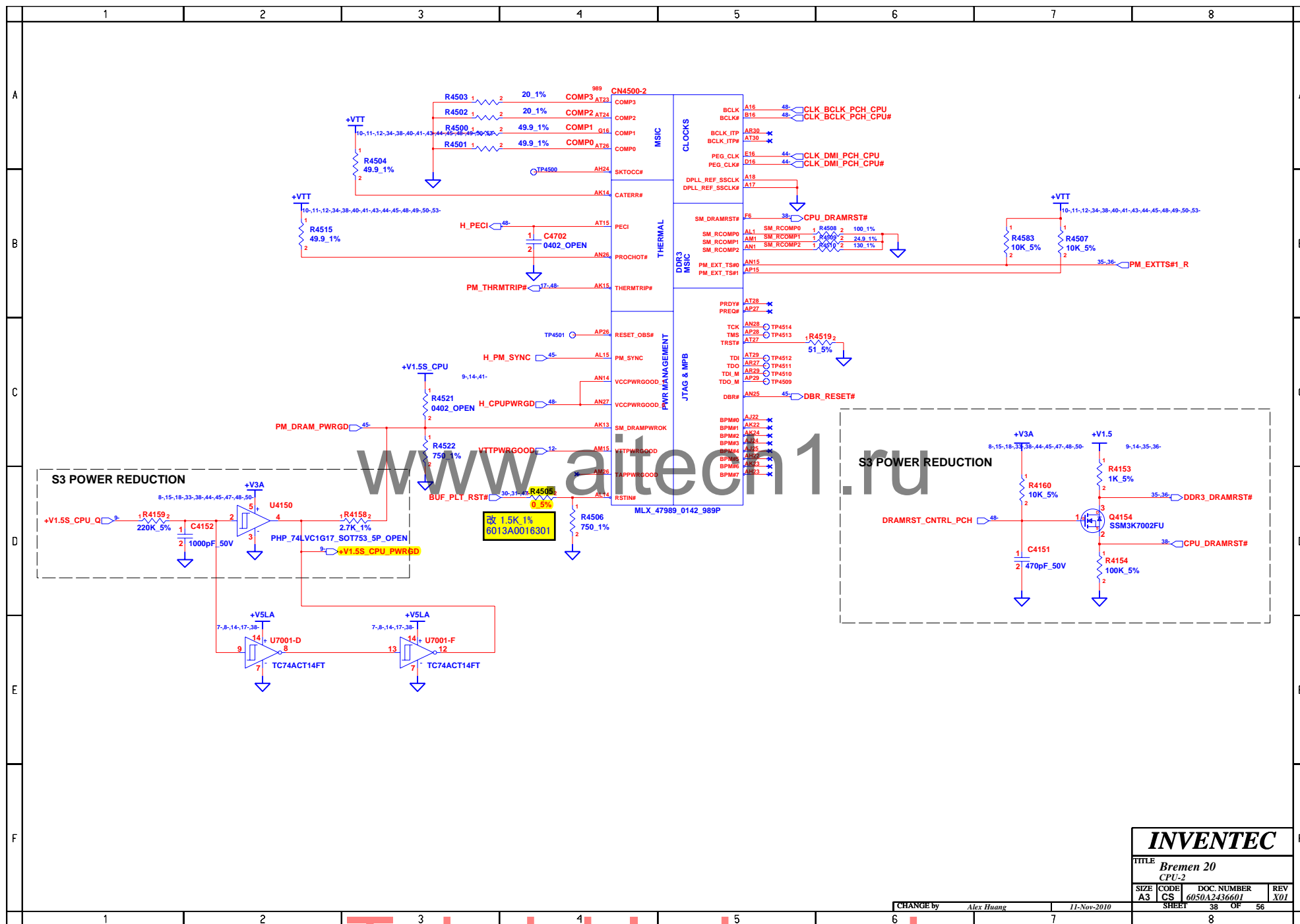
Please place close to CLKGEN within 500mils

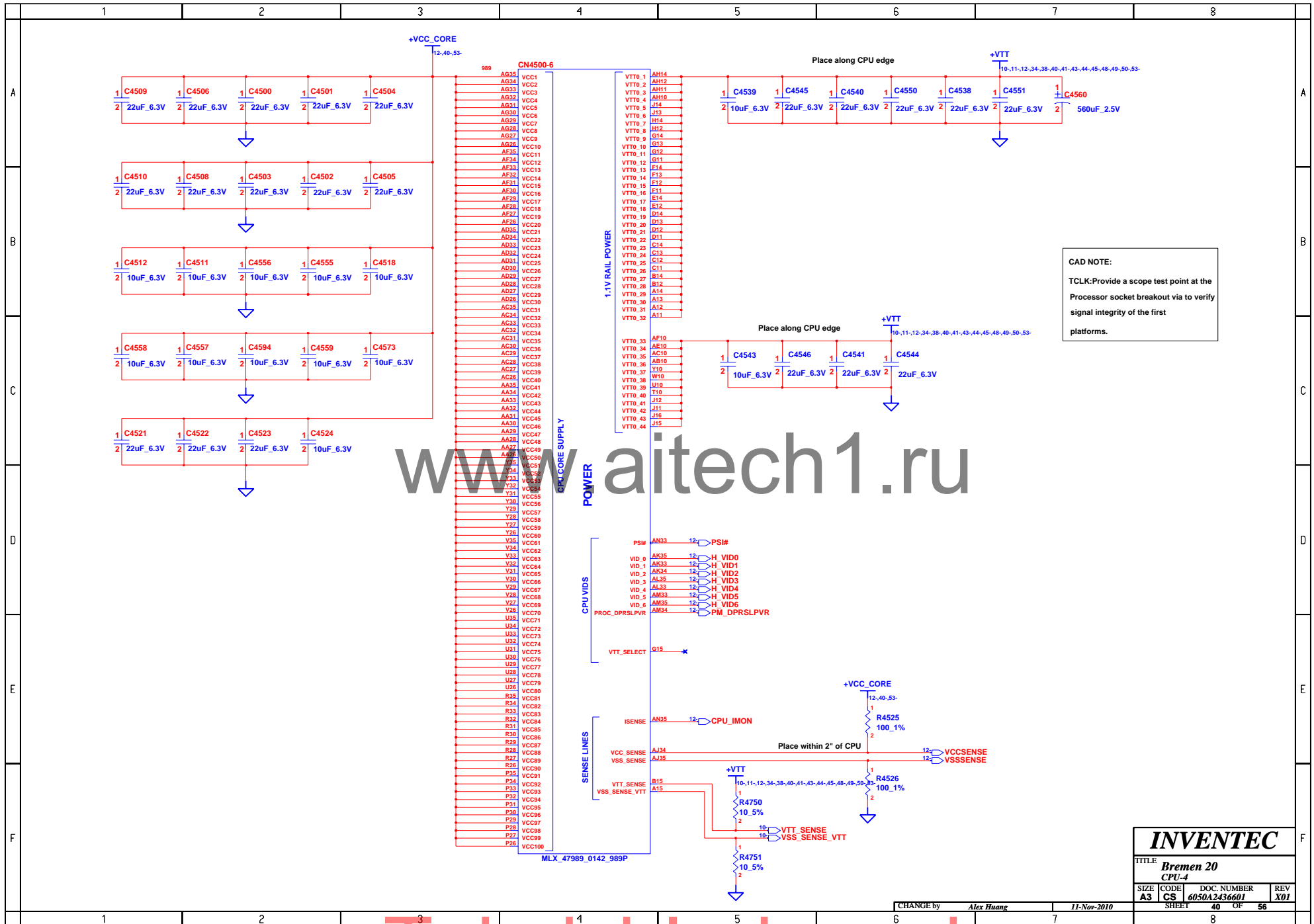
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SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
CHANGE by Alex Huang		11-Nov-2010	
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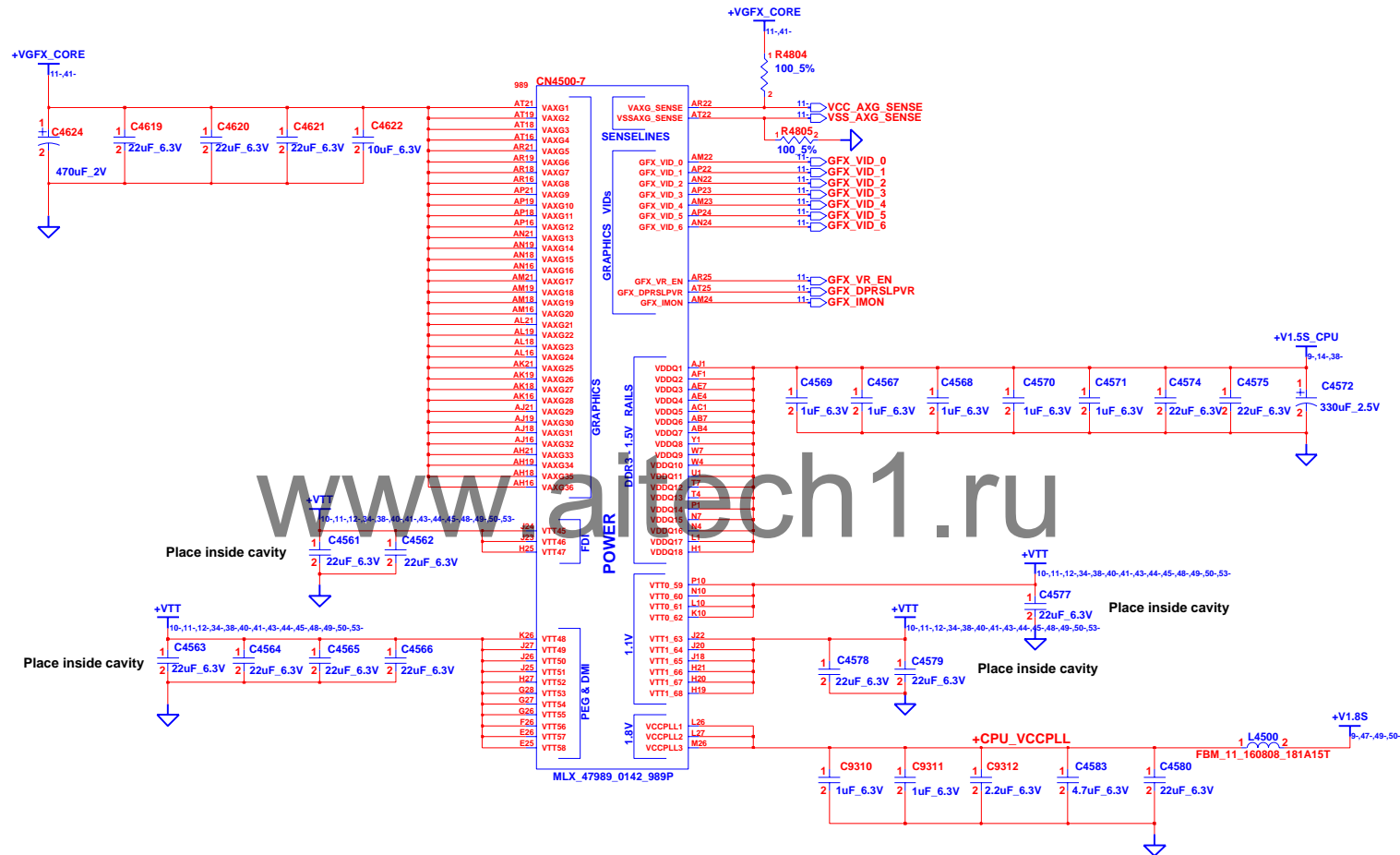












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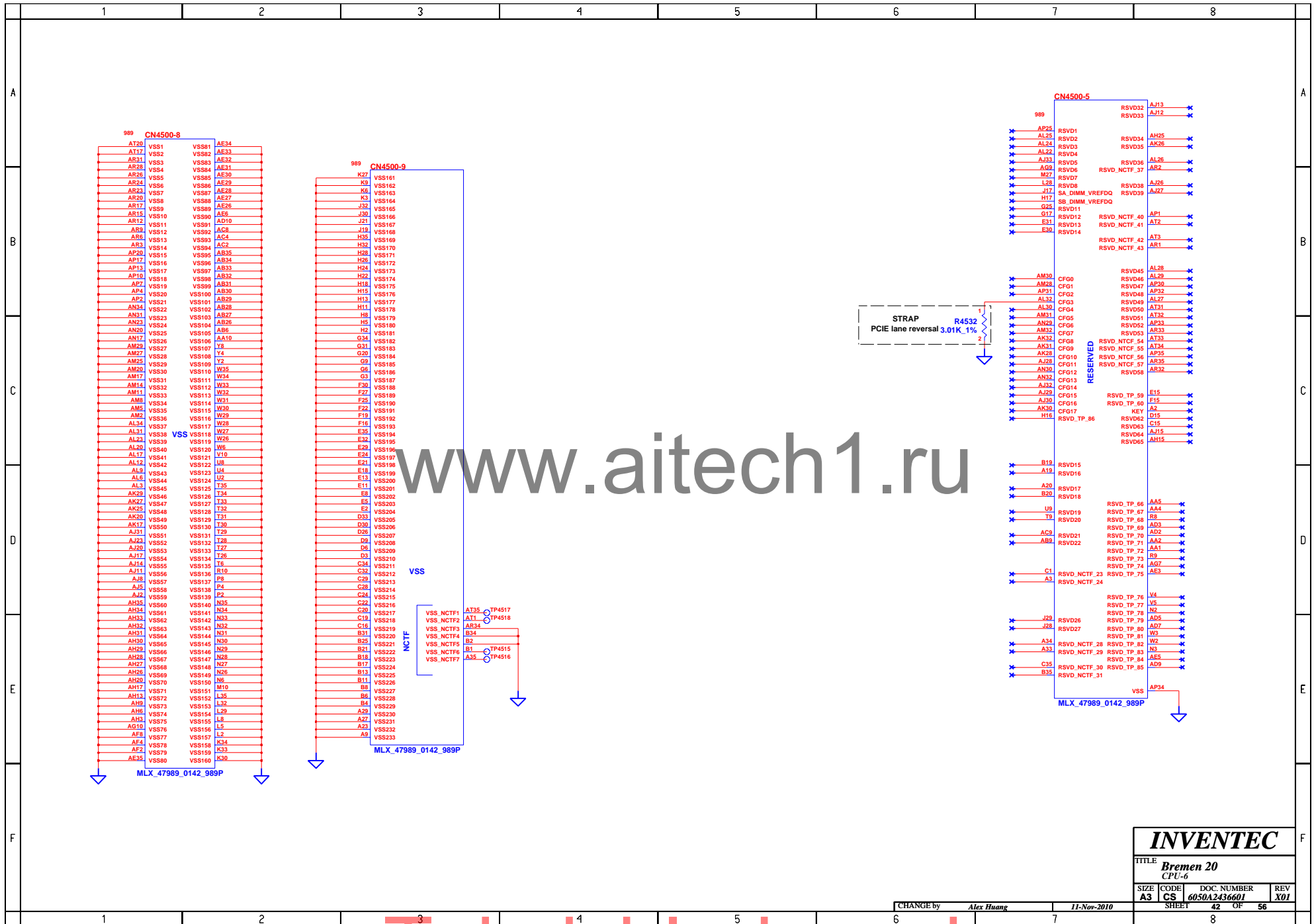
TITLE
Bremen 20
CPU-5

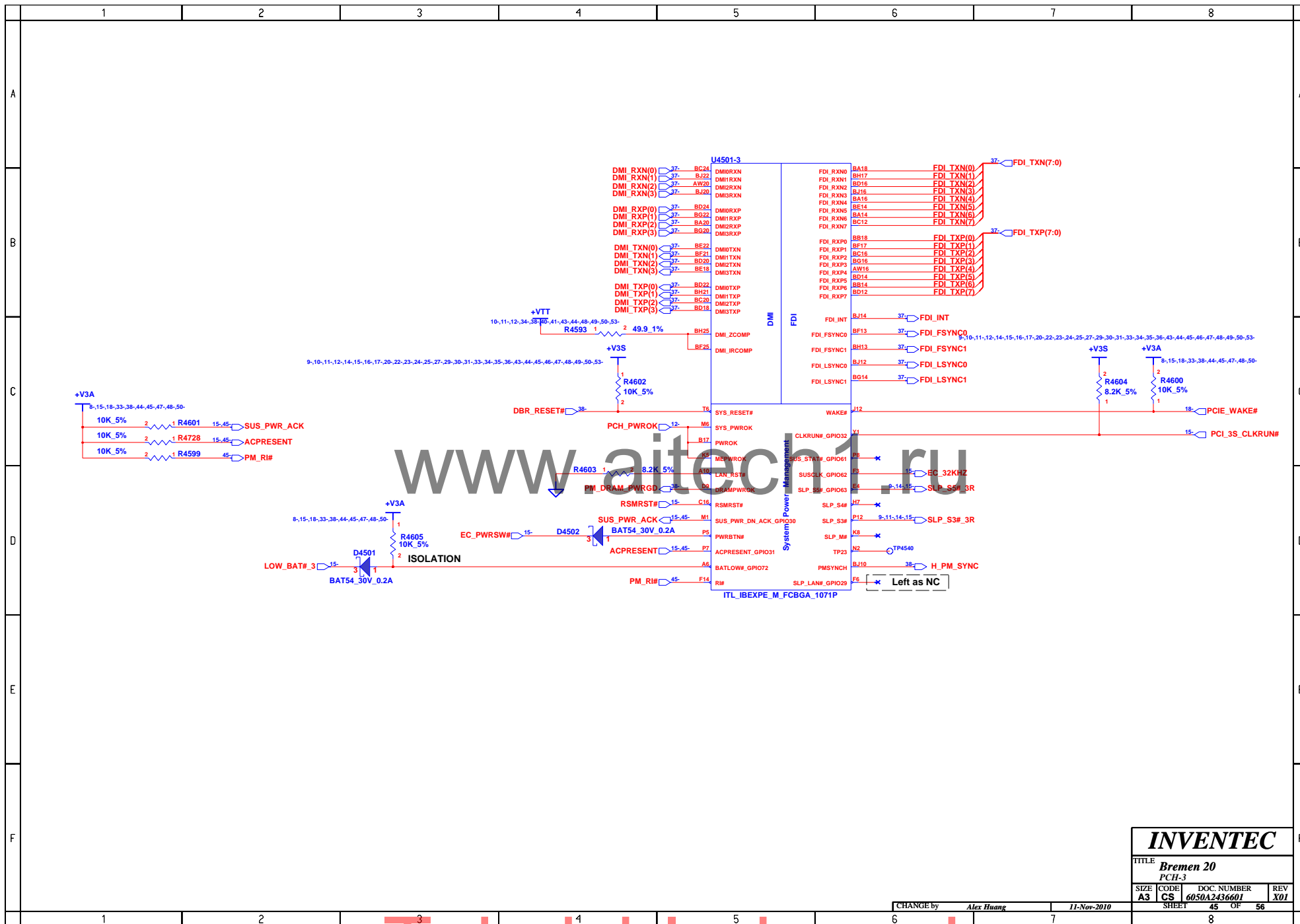
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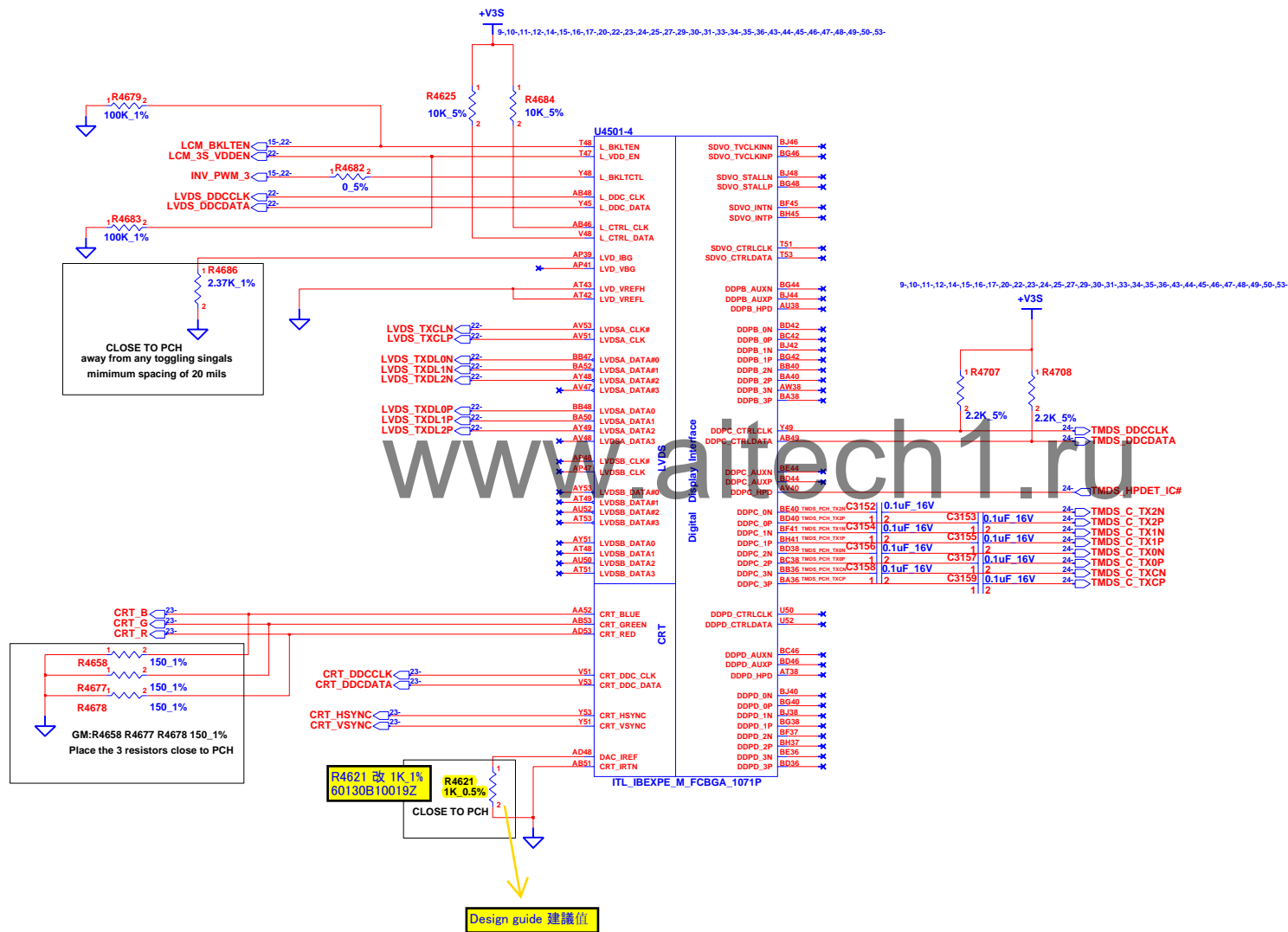
A3 CS 6050A2436601 X01

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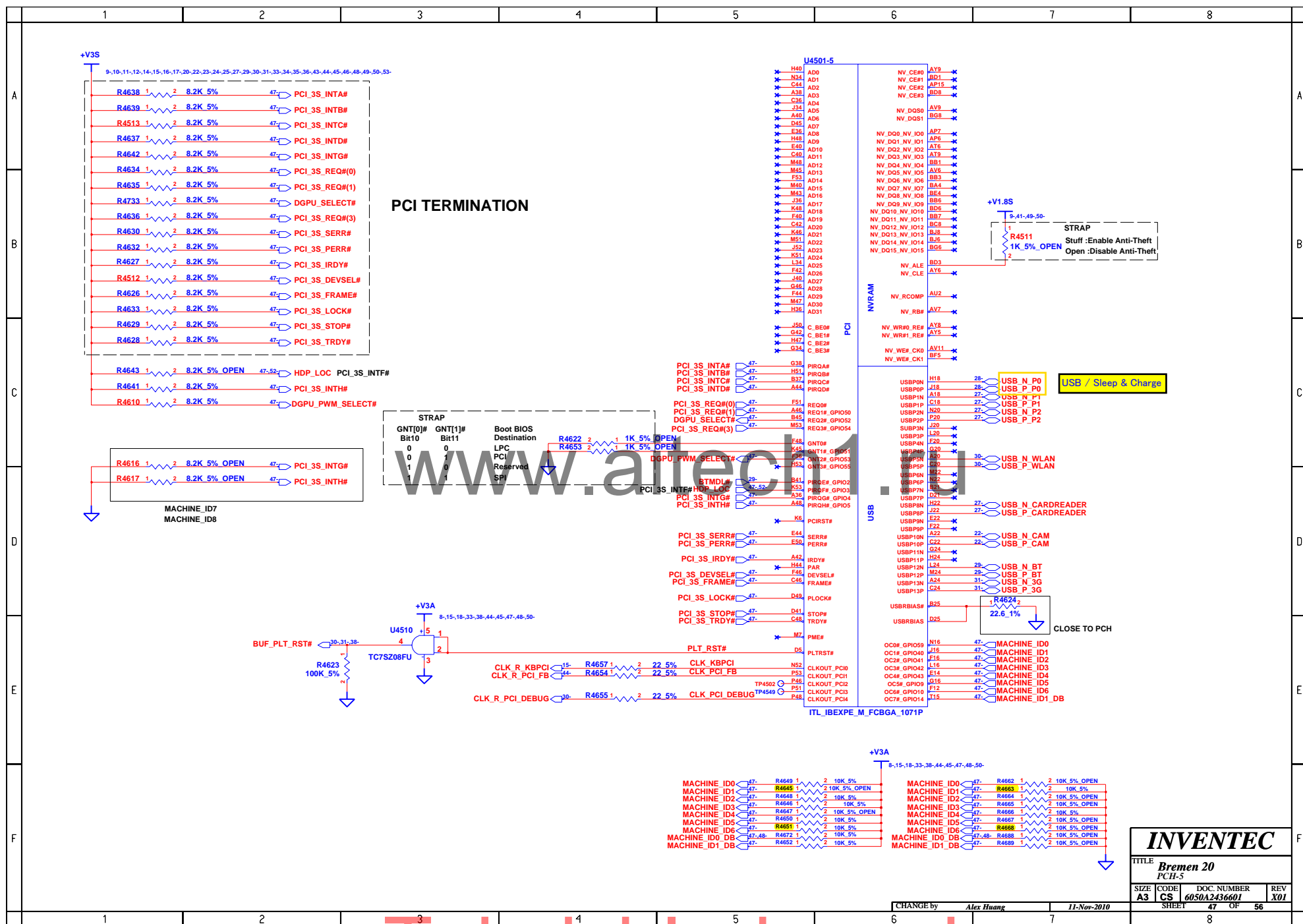
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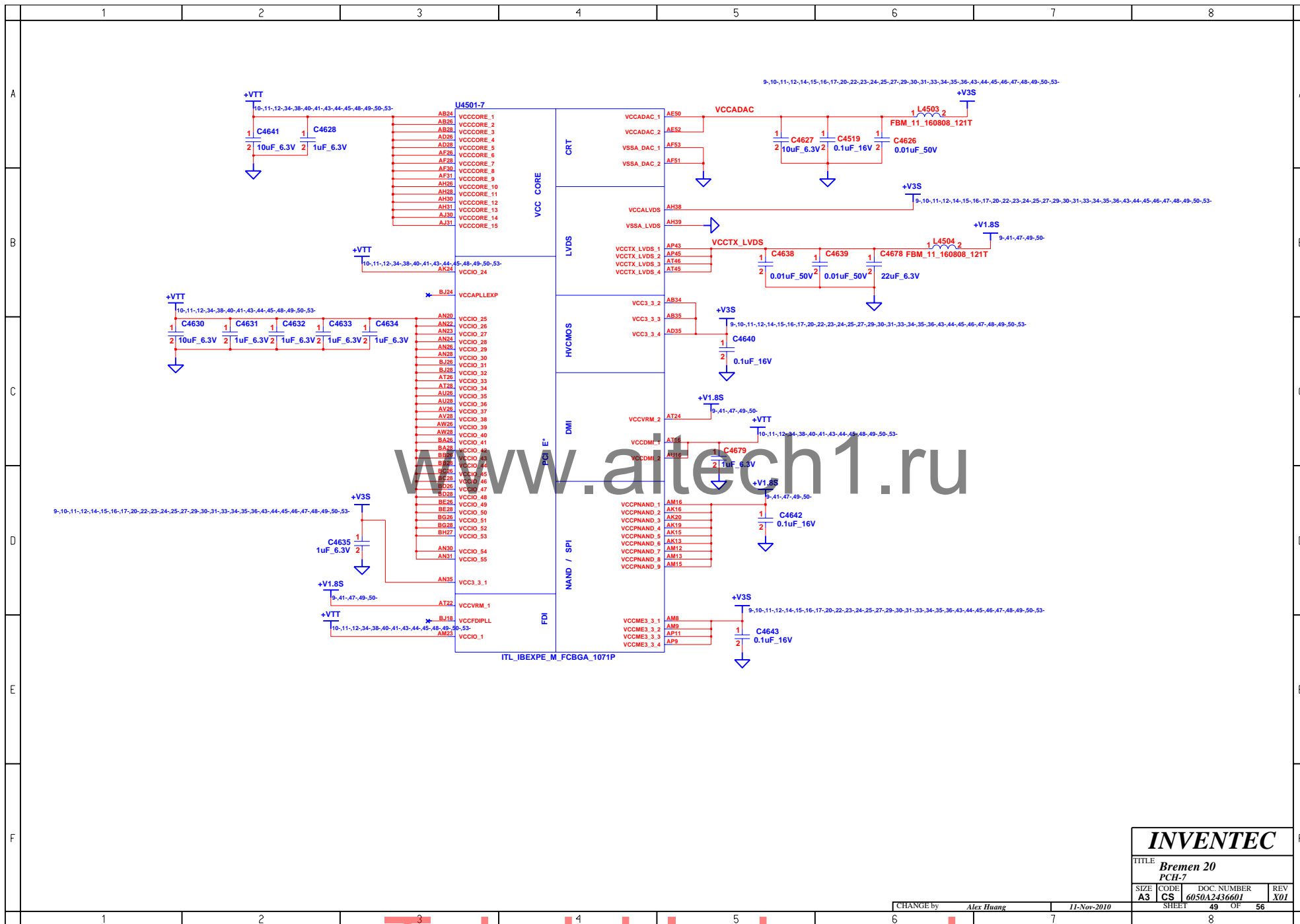
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Bremen 20
PCH-4

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2436601	X01

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INVENTEC

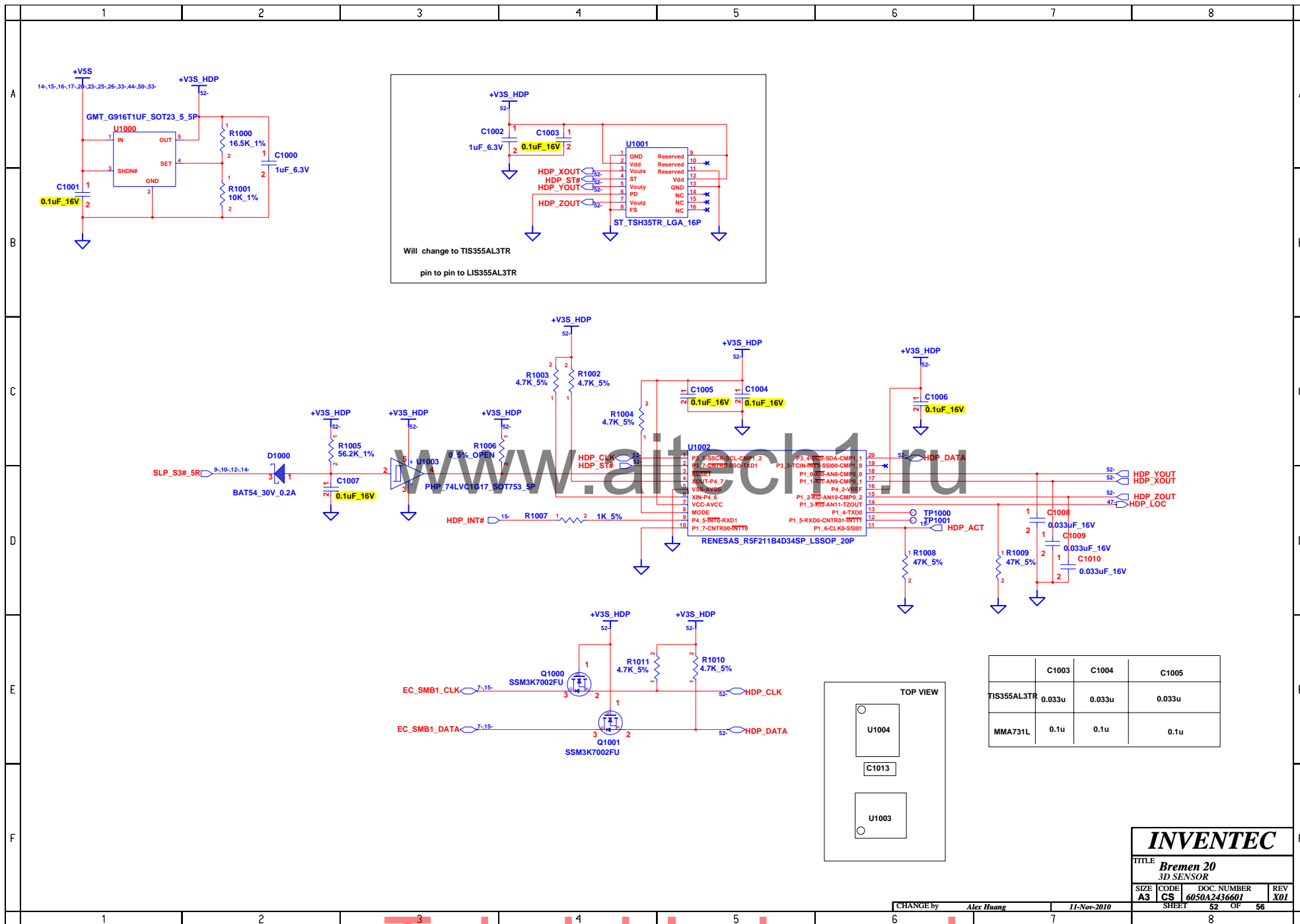
TITLE
Bremen 20
PCH-7

SIZE	CODE	DOC. NUMBER	REV
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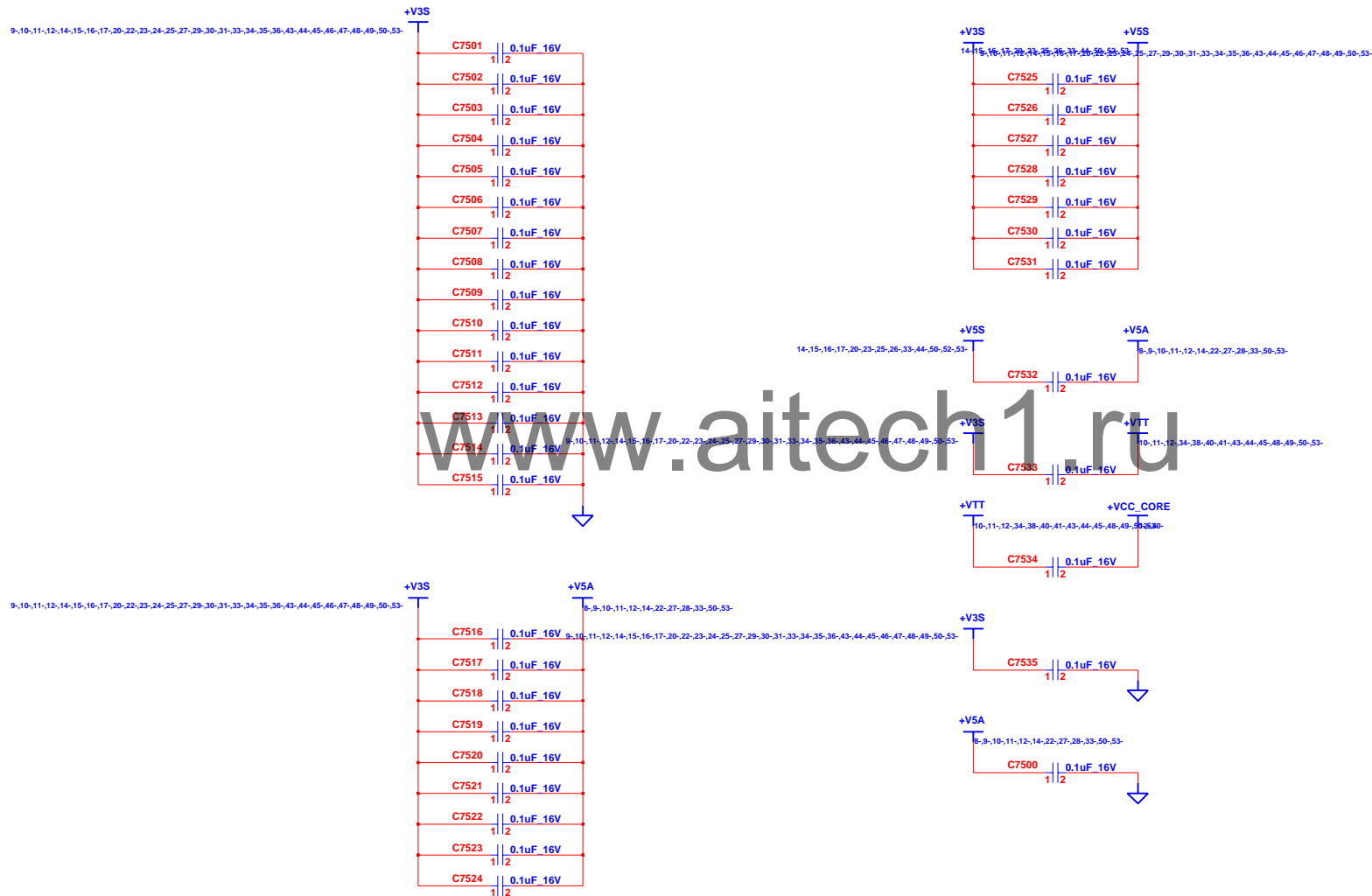
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	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

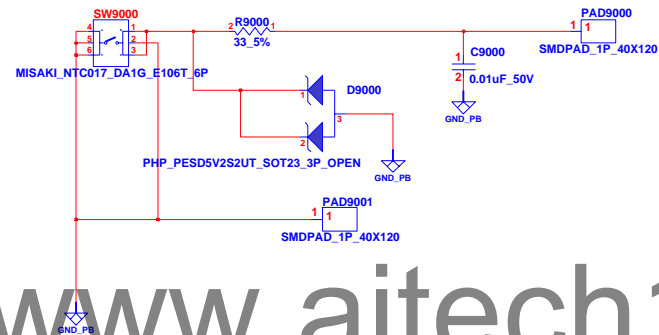


EMI

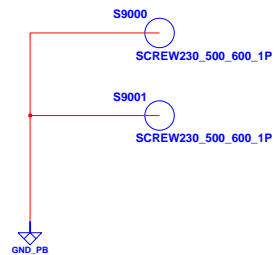
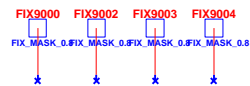


INVENTEC			
TITLE Bremen 20 EMI			
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
CHANGE by Alex Huang		11-Nov-2010	
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TOUCH PAD SWITCH BOARD



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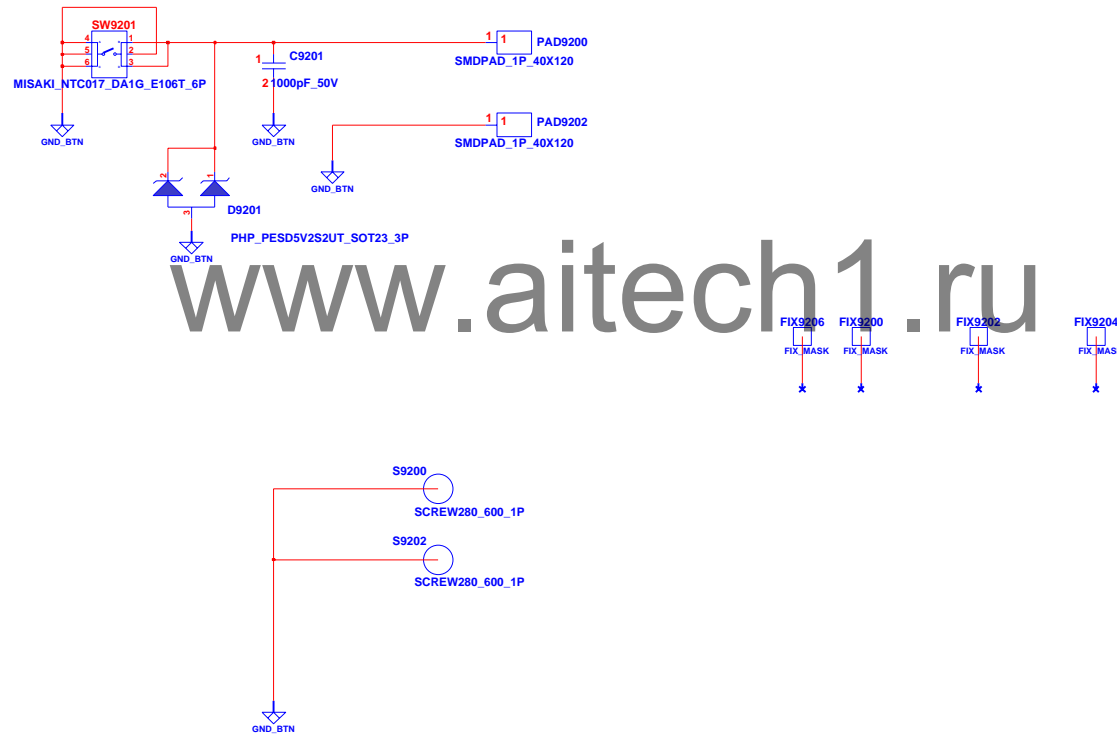
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TITLE			
Bremen 20			
TP SWITCH BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2436601	X01
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POWER BOARD



INVENTEC

TITLE Bremen 20 POWER BOARD			
SIZE A3	CODE CS	DOC. NUMBER 6050A2436601	REV X01
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CHANGE by *Alex Huang* 11-Nov-2010

CARD READER/USB BOARD

